TIME LIMITS / MAINTENANCE CHECKS

1. Time Limits / Maintenance Checks — General

A. Introduction

This maintenance program has been prepared by Gulfstream Aerospace Corporation to provide operators with all information necessary to comply with Federal Aviation Administration (FAA) requirements of Part 91, Subpart E, Section 91.409, paragraph (f)(3), Part 125, Subpart G, Section 125.247, paragraph (e)(2) and Part 135, Subpart J, Section 135.421, paragraph (a) of the Federal Aviation Regulations. Additionally, the information contained herein will enable operators to comply with the requirements of Part 91, Subpart E, Section 91.409, paragraph (f)(4) and Part 135, Subpart J, Section 135.411, paragraph (a)(2) to construct a suitable maintenance program.

Gulfstream has prepared the Gulftream GVI (G650) maintenance program with the intent of providing the maximum amount of flexibility for the aircraft operator. The Aircraft Maintenance Manual (AMM) Chapter 5 contains all requirements of the MSG-3 derived Maintenance Review Board (MRB) Report, in addition to Gulfstream recommended inspections.

Active customer bulletins are part of Gulfstream's recommended inspection program and are listed in the Customer Bulletin Index.

NOTE: For customer bulletin description see Section 05-30-00 Special Inspection Requirements.

A complete glossary of terms and definitions applicable to the Gulftream GVI (G650) Scheduled Maintenance Program can be found in the Maintenance Review Board Report section of this chapter.

Lubrication requirements specified in this section do not represent the total lubrication provisions for the aircraft. See Chapter 12 - Servicing and appropriate manufacturer maintenance publications for additional lubrication recommendations.

Aircraft based, or frequently operating, in a tropical zone, high humidity area, marine environment or area of high industrial pollution should be inspected more frequently.

B. Engine Programs

The MRB engine program is intended as an on-wing program only. The operator should consult the engine manufacturer program for detailed shop visit maintenance.

An operator may use either the task oriented maintenance program, listed in the AMM Chapter 5 and the MRB Report, or the manufacturer hard time program, under the following rules:

- Operators using the task oriented maintenance program, listed in the AMM Chapter 5 and the MRB Report, must use the criteria defined by Rolls-Royce Generic EMP - Engine Management Plan Hard Time - BR725 Engine for G650 Operators to convert to the manufacturer hard time program.
- Operators using the manufacturer hard time program must use the criteria defined by Rolls-Royce Generic EMP - Engine Management Plan Task Orientated - BR725 Engine for G650 Operators to convert to the task oriented maintenance program, listed in the AMM Chapter 5 and the MRB Report.

At the first A check after entry into service, the operator shall declare which engine maintenance program they intend to follow with their local regulatory authority.

C. Time In Service

With respect to maintenance time records, time in service means the time from which an aircraft leaves the surface of the earth until it touches again at the next point of landing.

NOTE: For the purposes of tracking maintenance requirements, the terms cycles and landings are equivalent.

D. Subsections within the Time Limits / Maintenance Checks Section

- Time Limits
- Airworthiness Limitations
- Scheduled Maintenance
- Maintenance Review Board Report
- Special Inspection Requirements
- Unscheduled Maintenance Checks

E. Description of the Subsections

(1) Time Limits 05-10-00

This section provides initial inspection requirements for the following items:

- Manufacturer Recommended Items, Restore / Discard
- Fire Extinguisher Bottle Maintenance Schedule
- Emergency Blow-down Bottle Maintenance Schedule
- Oxygen Bottle Maintenance Schedule

(2) Airworthiness Limitations 05-10-10

This section provides FAA / EASA Airworthiness Limitations Instructions for Life Limited Components and Principal Structural Element Inspection Requirements.

(3) Scheduled Maintenance 05-20-00

This section provides recommended scheduled maintenance for the following:

- Systems and Powerplant Program
- Structural Inspection Program
- Zonal Inspection Program
- Enhanced Zonal Inspection Program
- High Intensity Radiated Fields / Lightning (HIRF/L)

(4) Maintenance Review Board Report 05-22-00

This section provides the MSG-3 derived, FAA / EASA approved MRB Report, which details the minimum scheduled maintenance / inspection requirements necessary to construct a maintenance program that complies with FAA / EASA regulatory requirements.

(5) Special Inspection Requirements 05-30-00

This section provides the current listing of Alert Customer Bulletins and Customer Bulletins.

(6) Unscheduled Maintenance Checks 05-50-00

This section outlines maintenance checks and inspections which are required as a result of abnormal conditions encountered during aircraft ground handling, takeoff / landing or airborne incidents.

F. Manufacturer Recommended Inspection Program Tasks

Manufacturer Recommended Inspection Program (MRIP) tasks are derived external to the MSG-3 process and reflect Gulfstream's recommendations for enhanced reliability and economic benefit. MRIP tasks may be in addition to or have a more frequent interval than an MRB task.

Table 1 lists the MRIP tasks contained within AMM Chapter 5 as well as their history. Refer to the applicable Chapter 5 section for task intervals.

Table 1: MRIP Table

Chapter 5 Reference	Description	CMP Reference	MRIP History
05-20-00	Main Landing Gear - Lubrication	122202	February 2011 - G650 ISC Meeting - Added to reduce potential for wear and corrosion.
05-20-00	Nose Landing Gear - Lubrication	122204	February 2011 - G650 ISC Meeting - Added to reduce potential for wear and corrosion.
05-20-00	Nose Wheel Steering Unit - Lubrication	122211	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	Nose Wheel Steering Collar Assembly / Slave Gear - Lubrication	122212	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	Flap Actuator Ball Nut - Lubrication	122328 122329	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	Aileron Hinge Fitting - Lubrication	122333 122334	September 2013 - Gulfstream Maintainability Engineering added MRIP requirement to cover flight control hinge lubrication points.
05-20-00	Rudder Hinge Fitting - Lubrication	122335	September 2013 - Gulfstream Maintainability Engineering added MRIP requirement to cover flight control hinge lubrication points.
05-20-00	Elevator Hinge Fitting - Lubrication	122336 122337	September 2013 - Gulfstream Maintainability Engineering added MRIP requirement to cover flight control hinge lubrication points.
~~05-20-00~~	~~Flight Control System Electrical Backup Hydraulic Actuator Battery - Capacity Check~~	~~243607~~	~~November 2012 - G650 ISC Meeting - Added procedure, MRB to be updated after analysis approval @ 2013 ISC.~~
05-20-00	Ram Air Turbine Built-inTest Switch - Operational Check	242351	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.

Table 1: MRIP Table

Chapter 5 Reference	Description	CMP Reference	MRIP History
05-10-00	A Track Flap Roller - Discard	275058 275059 275060 275061 275062 275063	November 2011 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.
05-10-00	B Track Flap Roller - Discard	275064 275065 275066 275067 275068 275069 275070 275071 275072 275073 275074 275075	November 2011 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.
05-10-00	C Track Flap Roller- Discard	275076 275077 275078 275079 275080 275081 275082 275083 275084 275085 275086 275087	November 2011 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.
05-10-00	D Track Flap Roller - Discard	275088 275089 275090 275091 275092 275093 275094 275095	November 2011 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.
05-10-00	D Track Flap Down Load Catch Roller - Discard	275096 275097 275098 275099	November 2011 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.

Table 1: MRIP Table

Chapter 5 Reference	Description	CMP Reference	MRIP History
05-10-00	Left System Manifold Filter - Discard	291487 291488 291489 291490 291491 291492	2012 ISC - Gulfstream Engineering added requirement as a result of qualification testing.
05-10-00	Right System Manifold Filter - Discard	291525 291526 291527	2012 ISC - Gulfstream Engineering added requirement as a result of qualification testing.
05-10-00	Auxiliary Hydraulic Pump Manifold Filter - Discard	292511	2012 ISC - Gulfstream Engineering added requirement as a result of qualification testing.
05-20-00	Wing Anti-ice Temperature Switch - Temperature Trip Point Functional Check	301137	February 2011 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.
05-20-00	Windshield Surface Seal - Detailed Inspection	304118 304119	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-10-00	Nose Landing Gear - Restore	322002	August 2012 - Gulfstream Engineering added requirement as a result of assembly modification status.
05-10-00	HP Stage 5 Air Nonreturn Valve - Restore	361110 361111	August 2013 - Requirement added to address valve corrosion.
05-10-00	Main Entrance Door Latching Actuator - Discard	521303	May 2012 - Gulfstream Mechanical Systems Engineering added requirement as a result of qualification testing.
05-20-00	Main Entrance Door Pressure Relief Valve - Detailed Inspection	521304	2012 ISC - Added Main Entrance Door Pressure Relief Valve - Detailed Inspection.
05-20-00	Radome to Structure Perimeter Steps - Detailed Inspection	531036	August 2012 - Gulfstream Maintainability Engineering added requirement to meet operator RVSM flight operations requirements.

Table 1: MRIP Table

Chapter 5 Reference	Description	CMP Reference	MRIP History
05-20-00	Main Landing Gear Wheel Well and Torque Box FS 671.411 - FS 739 - Enhanced Zonal Inspection	533002 533003	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	Baggage Compartment Below Floor HIRF/L - Detailed Inspection	534001	June 2013 - Gulfstream Maintainability added 4C interval for task / calendar alignment.
05-20-00	Wing Tank (Internal) BL 0 - RBS 135 - Detailed Inspection	571027 571028	February 2011 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.
05-20-00	Wing Tank (Internal) RBS 135 - WS 551 - Detailed Inspection	571029 571030	February 2011 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.
05-20-00	Flap Upper Surface - Detailed Inspection	575301 575302	June 2012 - Gulfstream Fatigue and Damage Tolerance Engineering added requirement as a result of fatigue testing.
05-20-00	Nacelle, T/Rev and Exhaust External (Viewed From Platform) - Zonal Inspection	710035 710036	June 2012 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.
05-20-00	Engine Maintenance Program Declaration	710039	September 2013 - Gulfstream Maintainability added “One time inspection” task in 1A Check Scheduled Maintenance Table per review.
05-20-00	Engine Internal - Zonal Inspection	711002 711003	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	Engine Lower Fan Cowl Door - Enhanced Zonal Inspection	711004 711005	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.

Table 1: MRIP Table

Chapter 5 Reference	Description	CMP Reference	MRIP History
05-20-00	Engine Bypass Duct Internal FS 894.6 - FS 950.3 - Zonal Inspection	727103	June 2012 - G650 ISC Meeting - Revised task interval to incorporate Low-Utilization Maintenance Program (LUMP) into the Aircraft Maintenance Manual (AMM) Chapter 5.
05-20-00	T/Rev and Exhaust Internal - Zonal Inspection	783112 783113	June 2012 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.
05-20-00	T/Rev HIRF/L - Detailed Inspection	783114 783115	June 2012 - G650 ISC Meeting - Added to align task interval with other maintenance procedures in the same zones.

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TIME LIMITS

1. Time Limits

A. Introduction

The time limits section provides manufacturer recommended time limits for inspections, maintenance and overhaul of aircraft, powerplant and systems. This section includes life limits of major components and other items designated critical.

Subsections - Details

- 1.A.(1) Manufacturer Recommended Restore / Discard Items

  Table 1 Chapter 23 - Communications
  Table 2 Chapter 24 - Electrical Power
  Table 3 Chapter 25 - Equipment / Furnishings
  Table 4 Chapter 26 - Fire Protection
  Table 5 Chapter 27 - Flight Controls
  Table 6 Chapter 29 - Hydraulic Power
  Table 7 Chapter 31 - Indicating / Recording Systems
  Table 8 Chapter 32 - Landing Gear
  Table 9 Chapter 33 - Lights
  Table 10 Chapter 35 - Oxygen
  Table 11 Chapter 38 - Water / Waste
  Table 12 Chapter 49 - Airborne Auxiliary Power
  Table 13 Chapter 52 - Doors

- 1.A.(2) Hydrostatic Testing of Bottles (Charts and Notes)

  Table 14 Fire Extinguisher Bottle Maintenance Schedule
  Table 15 Emergency Blow Down Bottle Maintenance Schedule
  Table 16 Oxygen Bottle Maintenance Schedule

(1) Manufacturer Recommended Restore / Discard Items

The purpose of this section is to provide operators with a list of installed components having restoration and / or discard task intervals. Intervals have been recommended by product manufacturers. Operators are required to maintain this list, as appropriate, for their particular outfitting.

Table 1: Chapter 23 - Communications

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
23-72-11	Cockpit Voice Recorder Underwater Locator Beacon Battery - Discard MRB Ref: 23-72-00-03	Dukane DK120	6 years	237220

Table 2: Chapter 24 - Electrical Power

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
24-35-02	Emergency Battery Pack - Discard MRB Ref: 24-20-00-08 **NOTE:** Clock for 48 month initial discard, starts at aircraft entry into service. For all recurring battery replacements, time starts with date of aircraft installation.	Securaplane 100-0302-03	4 years	243508 243509

Table 3: Chapter 25 - Equipment / Furnishings

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
25-61-01	Life Vest - Restore MRB Ref: 25-60-00-02	Hoover 3505-101CW 3505-101W	2 years	256070 thru 256099
25-61-01	Life Vest - Restore MRB Ref: 25-60-00-02	Air Cruisers (vacuum packed) 63600	120 months	256070 thru 256099
25-61-03	Life Raft - Restore MRB Ref: 25-60-00-04	Winslow 1320FAUL-630-1-100	3 years	256143 256144 256145 256146
25-61-04	Survival Kit - Restore MRB Ref: 25-60-00-12 **NOTE:** Per manufacturer recommendation. (If separate from life raft.)	Winslow	Note	256197 256198 256199
25-61-04	Survival Kit Time Limited Supplies - Discard MRB Ref: 25-60-00-13 **NOTE:** Per manufacturer recommendation. (If separate from life raft.)	Winslow	Note	256194 256195 256196
25-62-01	Smoke Hood - Discard MRB Ref: 35-10-00-08	Essex MR-10039N	10 years	256219 256220 256221
25-62-05	Emergency Vision Assurance System - Restore MRB Ref: 25-60-00-15	Vision Safe Products 107TC-049 107TC-050	120 months	256204 256205
25-62-05	Emergency Vision Assurance System Batteries - Discard MRB Ref: 25-60-00-16	Vision Safe Products 107TC-049 107TC-050	24 months	256206 256207
25-63-08	Emergency Locator Transmitter Battery Pack - Discard MRB Ref: 25-60-00-09	Artex 452-0133	5 years	256308

Table 3: Chapter 25 - Equipment / Furnishings

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
25-64-01	First Aid Kit Time Limited Supplies - Discard MRB Ref: 25-60-00-11	MedAire AFAK	1 year	256406 256407
25-64-01	Medical Kit Time Limited Supplies - Discard MRB Ref: 25-60-00-11	MedAire EMK	1 year	256414 256415
25-64-03	Defibrillator Time Limited Supplies - Discard MRB Ref: 25-60-00-19 **NOTE:** Per manufacturer recommendation.	Phillips Heartstart FRx 502861	Note	256419

Table 4: Chapter 26 - Fire Protection

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
26-21-01	Engine Fire Bottle Cartridge (Squib) - Discard MRB Ref: 26-21-00-03 **NOTE:** 15 years total (shelf + service).	Pacific Scientific 30903931 30903933 30903959	10 years Note	262132 262133 262134 262135 262136 262137 262138 262139 262140 262141 262142 262143

Table 5: Chapter 27 - Flight Controls

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
27-03-03	Aileron and Elevator Control Module Assembly Rod (Pilot) - Discard	60P2711003Z001	4250 flight cycles	270310
27-03-03	Aileron and Elevator Control Module Assembly Rod (Copilot) - Discard	60P2711003Z001	4250 flight cycles	270311
27-03-03	Aileron and Elevator Control Module Assembly Rod (Pilot) - Discard	60P2711004Z001	4250 flight cycles	270312
27-03-03	Aileron and Elevator Control Module Assembly Rod (Copilot) - Discard	60P2711004Z001	4250 flight cycles	270313
27-03-03	Aileron and Elevator Control Module Assembly Rod (Pilot) - Discard	60P2711005Z001	4250 flight cycles	270314
27-03-03	Aileron and Elevator Control Module Assembly Rod (Copilot) - Discard	60P2711005Z001	4250 flight cycles	270315
27-03-03	Aileron and Elevator Control Module Assembly Interconnect Rod - Discard	60P2711006Z001	4250 flight cycles	270316
27-03-03	Aileron and Elevator Control Module Assembly (Pilot) - Discard	60P2711101Z004	4250 flight cycles	270317
27-03-03	Aileron and Elevator Control Module Assembly (Copilot) - Discard	60P2711201Z004	4250 flight cycles	270318
27-03-05	Rudder Control Module Assembly - Discard	60P2721300Z003	4250 flight cycles	272402
27-11-07	Aileron Control Cable Pulley Bracket - Discard	60P2711501Z001	4250 flight cycles	271170
27-11-07	Aileron Control Cable Pulley Bracket - Discard	60P2711502Z001	4250 flight cycles	271171
27-11-07	Aileron Control Cable Pulley Bracket - Discard	60P2711503Z001	4250 flight cycles	271172
27-11-07	Aileron Control Cable Pulley Bracket - Discard	60P2711504Z001	4250 flight cycles	271173

Table 5: Chapter 27 - Flight Controls

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
27-11-09	Aileron Control Override Pushrod - Discard	60P2711310Z001	4250 flight cycles	271169
27-11-13	Aileron Trim Interconnect Pushrod - Discard	60P2711309Z001	4250 flight cycles	271168
27-13-05	Aileron EHSA Manifold - Discard	60P2713201Z004~~/ 005~~	8500 flight cycles	271362 271363
~~27-13-07~~	~~Aileron EB Manifold - Discard~~	~~60P2713301Z003 / 004~~	~~8500 flight cycles~~	~~271364~~ ~~271365~~
27-13-09	Aileron HA Manifold - Discard	60P2713101Z005~~/ 006~~	8500 flight cycles	271360 271361
27-21-01	Rudder Pedal Assembly- Discard	60P2721100Z004	4250 flight cycles	272106
27-21-01	Rudder Pedal Assembly- Discard	60P2721200Z005	4250 flight cycles	272107
27-22-01	Rudder Force Sensor - Discard	60P2721101Z002	4250 flight cycles	272108 272109
~~27-23-01~~	~~Rudder EHSA Actuator - Discard~~	~~60P2723002Z003~~	~~8500 flight cycles~~	~~272313~~
~~27-23-03~~	~~Rudder EBHA Actuator - Discard~~	~~60P2723001Z004~~	~~8500 flight cycles~~	~~272312~~
27-23-05	Rudder EHSA Manifold - Discard	60P2723201Z002~~/ 003~~	8500 flight cycles	272315
~~27-23-07~~	~~Rudder EB Manifold - Discard~~	~~60P2713301Z003 / 004~~	~~8500 flight cycles~~	~~272316~~
27-23-09	Rudder HA Manifold - Discard	60P2723101Z003~~/ 004~~	8500 flight cycles	272314
27-31-01	Control Column and Control Wheel - Discard	60P2711100Z005	4250 flight cycles	273112

Table 5: Chapter 27 - Flight Controls

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
27-31-01	Control Column and Control Wheel - Discard	60P2711200Z005	4250 flight cycles	273113
27-31-03	Elevator Control Override Pushrod - Discard	60P2731305Z002	4250 flight cycles	273129
27-32-01	Elevator Force Sensor - Discard	60P2731101Z002	4250 flight cycles	273212 273213
~~27-33-01~~	~~Elevator EHSA Actuator - Discard~~	~~60P2733002Z005~~	~~8500 flight cycles~~	~~273322~~ ~~273323~~
~~27-33-03~~	~~Elevator EBHA Actuator - Discard~~	~~60P2733001Z004~~	~~8500 flight cycles~~	~~273320~~ ~~273321~~
~~27-33-07~~	~~Elevator EB Manifold - Discard~~	~~60P2713301Z003 / 004~~	~~8500 flight cycles~~	~~273328~~ ~~273329~~
~~27-33-09~~	~~Elevator HA Manifold - Discard~~	~~60P2723101Z003 / 004~~	~~8500 flight cycles~~	~~273324~~ ~~273325~~
27-51-03	A Track Flap Roller - Discard MRIP	60P5755371Z005 Kamatics Corporation KRP505-04VT	2400 flight hours	275058 275059 275060 275061 275062 275063
27-51-03	B Track Flap Roller - Discard MRIP	60P5755371Z001 60P5755371Z002 60P5755371Z003	2400 flight hours	275064 275065 275066 275067 275068 275069 275070 275071 275072 275073 275074 275075

Table 5: Chapter 27 - Flight Controls

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
27-51-03	C Track Flap Roller- Discard MRIP	60P5755371Z001 60P5755371Z003 60P5755371Z007	2400 flight hours	275076 275077 275078 275079 275080 275081 275082 275083 275084 275085 275086 275087
27-51-03	D Track Flap Roller - Discard MRIP	60P5755371Z004 60P5755371Z006	2400 flight hours	275088 275089 275090 275091 275092 275093 275094 275095
27-51-03	D Track Flap Down Load Catch Roller - Discard MRIP	60P5755371Z008	2400 flight hours	275096 275097 275098 275099
27-55-05	Flap Hydraulic Control Module - Discard	60P2756002Z006	4250 flight cycles	275507
~~27-63-05~~	~~Outboard Spoiler (Outboard Flight) EBHA Actuator - Discard~~	~~60P2763002Z100 / 200~~ ~~60P2763002Z101 / 201~~	~~6800 flight cycles~~	~~276361~~ ~~276362~~
~~27-63-09~~	~~Spoiler EB Manifold - Discard~~	~~60P2763301Z005 / 006~~	~~8500 flight cycles~~	~~276369~~ ~~276370~~

Table 5: Chapter 27 - Flight Controls

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
27-63-11	Spoiler HA Manifold - Discard	60P2763101Z004	8500 flight cycles	276363 276364

Table 6: Chapter 29 - Hydraulic Power

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
29-14-19	Left System Manifold Filter - Discard MRIP	Donaldson Company, Inc 339474 339482 339913	600 flight hours	291487 291488 291489 291490 291491 291492
29-14-20	Right System Manifold Filter - Discard MRIP	Donaldson Company, Inc 339482 339913	600 flight hours	291525 291526 291527
29-25-03	Auxiliary Hydraulic Pump Manifold Filter - Discard MRIP	Donaldson Company, Inc 339980	600 flight hours	292511

Table 7: Chapter 31 - Indicating / Recording Systems

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
31-31-05	FDR Underwater Locator Beacon Battery - Discard MRB Ref: 31-31-00-04	Dukane DK120	6 years	313117

Table 8: Chapter 32 - Landing Gear

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
32-10-00	Main Landing Gear - Restore MRB Ref: 32-10-00-03	Goodrich C1A4100LA002 C1A4100RA002	10,000 flight cycles	321008 321009
32-10-00	Main Landing Gear - Discard MRB Ref: 32-10-00-06 MRB Ref: 32-31-00-07 **NOTE:** In accordance with Airworthiness Limitations.	Goodrich C1A4100LA002 C1A4100RA002	Note	321010 321011
32-20-00	Nose Landing Gear - Restore MRB Ref: 32-20-00-05	Goodrich C2A4100CA006	10,000 flight cycles	322002
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial number GLG0005.	60E3222010A006	Note	322002
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial number GLG0003.	60P3222010A003	Note	322002
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial numbers GLG0009 thru GLG0011.	60P3222010A004	Note	322002
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial numbers GLG0013 thru GLG0016.	60P3222010A006	Note	322002

Table 8: Chapter 32 - Landing Gear

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial numbers GLG0012 and GLG0017 thru GLG0022.	60P322010A007	Note	322002
32-20-00	Nose Landing Gear - Restore MRIP **NOTE:** 2500 flight cycles. Applicable to serial numbers GLG0007, GLG0008, GLG0023 thru GLG0027, GLG0029, GLG0030, GLG0032 and GLG0033.	60P322010A008	Note	322002
32-20-00	Nose Landing Gear - Discard MRB Ref: 32-20-00-06 **NOTE:** In accordance with Airworthiness Limitations.	Goodrich C2A4100CA006	Note	322003
32-26-03	Nose Landing Gear Middle Electrical Harness - Discard	Goodrich C2E4904CA002	15,400 flight cycles	322618
32-32-04	Main Landing Gear Door Actuator - Discard	60P5280901Z003	7200 flight cycles	323209 323210

Table 9: Chapter 33 - Lights

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
33-42-01	Wing Anticollision / Navigation Light - Discard MRB Ref: 33-40-00-02	Whelen 01-0790453-01 01-0790453-02	20,000 flight hours	334207 334208
33-42-01	Tail Anticollision / Navigation Light - Discard MRB Ref: 33-40-00-02	D3 Technologies 1007-3342A011-001	20,000 flight hours	334215

Table 10: Chapter 35 - Oxygen

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
35-11-01	Crew Oxygen Mask - Restore MRB Ref: 35-10-00-05	Zodiac / Intertechnique MLD20-564	6 years	351103 351104 351105

Table 11: Chapter 38 - Water / Waste

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
38-12-01	Water Sterilizer Quartz Glass Sheath - Restore MRB Ref: 38-10-00-02	International Water-Guard NPS-A6 Sterilizer	3000 flight hours	381219 381220
38-12-01	Water Sterilizer Germicidal Lamp - Discard MRB Ref: 38-10-00-03	International Water-Guard 2-60001-01	3000 flight hours	381233 381234
38-12-01	Water Sterilizer Filter - Discard MRB Ref: 38-10-00-04	International Water-Guard 06-133802-XX	12 months	381237 381238

Table 12: Chapter 49 - Airborne Auxiliary Power

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
49-23-00	Compressor Impeller - Discard MRB Ref: 49-22-00-01 **NOTE:** In accordance with Airworthiness Limitations.	Honeywell WB3822573-1	Note	492300
49-23-00	Second Stage Turbine Rotor - Discard MRB Ref: 49-24-00-01 **NOTE:** In accordance with Airworthiness Limitations.	Honeywell WE897994-3	Note	492302
49-23-00	First Stage Turbine Rotor Disc - Discard MRB Ref: 49-24-00-02 **NOTE:** In accordance with Airworthiness Limitations.	Honeywell WK3840141-3	Note	492301

Table 13: Chapter 52 - Doors

ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
52-13-03	Main Entrance Door Latching Actuator - Discard MRIP	60P5210905Z002	5000 flight cycles	521303
52-14-00	Main Entrance Door Damper - Discard	60P5210904Z003	5000 flight cycles	521410

(2) Hydrostatic Testing of Bottles (Charts and Notes)

NOTE: Hydrostatic test and service life requirements of the following bottles are defined by Title 49 CFR § 180.205(c). All cylinders / spheres used as aircraft equipment must be maintained as follows (see Table 14, Table 15 and Table 16):

- Department of Transportation (DOT) specification cylinders including spheres must be inspected and tested as required by Title 49 CFR § 180.205.
- Cylinders including spheres manufactured under an exemption issued by RSPA must be inspected and tested as required by the terms of the exemption.
- All other cylinders including spheres must be inspected and tested as required by Title 49 CFR § 180.205 as it applies to DOT 3HT cylinders, unless alternative testing and inspection procedures are specified by manufacturer or referenced authority.
- Operators under Title 14 CFR, Parts 121 / 135 with heavy scheduled maintenance checks that are accomplished in phases or segments are required to have a procedure in place to check cylinders during that phase or segment of their heavy maintenance checks in which maintenance of high-pressure cylinders would normally occur.

Refer to FAA Title 49 CFR § 180.205(c) (current revision) or National Airworthiness Authority for additional information.

Table 14: Fire Extinguisher Bottle Maintenance Schedule

ATA Ref	Component	Vendor Name / Part Number	Specification	Limits		CMP Ref
				Hydrostatic Test	Service Life	
26-21-03	Engine Fire Bottle - (Hydrostatic) Functional Check MRB Ref: 26-21-00-02 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	Pacific Scientific 33800100-1	DOT-E-7945-750	120 months	On-condition	262106 262107
26-24-01	Portable Halon Fire Extinguisher - (Hydrostatic) Functional Check MRB Ref: 26-24-00-03 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	Kidde 898052	Vendor (Halon)	144 months	On-condition	262404 262410 262416 262422 262428 262434 262440 262446
26-24-03	Portable Water Fire Extinguisher - (Hydrostatic) Functional Check MRB Ref: 26-24-00-05 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	Kidde 892480	Vendor (Water)	60 months	On-condition	262452

Table 15: Emergency Blow Down Bottle Maintenance Schedule

ATA Ref	Component	Vendor Name / Part Number	Specification	Limits		CMP Ref
				Hydrostatic Test	Service Life	
32-39-03	Landing Gear Emergency Extension Nitrogen Blow-down Bottle - (Hydrostatic) Functional Check MRB Ref: 32-39-00-03 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	Structural Composites Industries 60P2910072 (A001 / A002)	DOT-E-10945	60 months		323912 323913
32-39-03	Landing Gear Emergency Extension Nitrogen Blow-down Bottle - Discard MRB Ref: 32-39-00-04 **NOTE:** Discard per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	Structural Composites Industries 60P2910072 (A001 / A002)	DOT-E-10945		15 years	323910 323911

Table 16: Oxygen Bottle Maintenance Schedule

ATA Ref	Component	Vendor Name / Part Number	Specification	Limits		CMP Ref
				Hydrostatic Test	Service Life	
35-12-01	Crew Oxygen Cylinder - (Hydrostatic) Functional Check MRB Ref: 35-10-00-02 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 805983-15	DOT-E-10945	60 months		351203
35-12-01	Crew Oxygen Cylinder - Discard MRB Ref: 35-10-00-03 **NOTE:** Discard per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 805983-15	DOT-E-10945		15 years	351202
35-23-01	Passenger Oxygen Cylinder - (Hydrostatic) Functional Check MRB Ref: 35-20-00-02 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 805983-15	DOT-E-10945	60 months		352303

Table 16: Oxygen Bottle Maintenance Schedule

ATA Ref	Component	Vendor Name / Part Number	Specification	Limits		CMP Ref
				Hydrostatic Test	Service Life	
35-23-01	Passenger Oxygen Cylinder - Discard MRB Ref: 35-20-00-03 **NOTE:** Discard per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 805983-15	DOT-E-10945		15 years	352302
35-31-01	Portable Oxygen Bottle - (Hydrostatic) Functional Check MRB Ref: 35-30-00-02 **NOTE:** Hydrostatic test per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 5600-9M6A-F30N	DOT-3AA	60 months (1)		353102 353106
35-31-01	Portable Oxygen Bottle - Discard MRB Ref: 35-30-00-04 **NOTE:** Discard per Title 49 CFR § 180.205 or National Aviation Authority. If there is no national authority requirement, inspect per manufacturer requirements.	AVOX 5600-9M6A-F30N	DOT-3AA		Note	353103 353107

(1) DOT 3AA cylinders inspection, testing and marking may be requalified every 10 years instead of every 5 years, provided the cylinders conform to Title 49 CFR § section 180.209.

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AIRWORTHINESS LIMITATIONS

1. Airworthiness Limitations

A. Introduction

The Gulftream GVI (G650) is a newly developed aircraft which is currently undergoing extensive fatigue testing of the structural components. Current FAA regulations require a limitation on operation of the aircraft until all certification fatigue tests have been completed. Therefore, no aircraft may be operated beyond 2500 flight cycles until certification fatigue testing has been completed and Chapter 5-10-10 has been revised to remove this limitation.

The Airworthiness Limitations Section is Federal Aviation Administration approved and specifies maintenance required under Sections 43.16 and 91.403 of the Federal Aviation Regulations, unless an alternative program has been FAA approved.

As required by the time limited Exemption No. 10622 to 14 CFR Section 25.981(a)(3) cited in the Gulfstream G650 TCDS, operations of this aircraft after September 7, 2015, requires Gulfstream Aerospace demonstrate that the type design of this G650 airplane fully complies with the provisions of that rule at Amendment 25-102. When this demonstration has been completed, this Airworthiness Limitation will be removed.

Subsections - Details

- 1.B. Airworthiness Limitations

  1.B.(1) Safe Life Limits - FAA

  - Table 1 Chapter 32 - Landing Gear
  - Table 2 Chapter 49 - Airborne Auxiliary Power

  1.B.(2) Safe Life Limits - EASA

  1.B.(3) Principal Structural Element Reporting Procedure

  - Table 3 Principal Structural Element Inspection Results

  1.B.(4) Principal Structural Element Inspection Requirements

  - Table 4 Principal Structural Element Inspection Requirements

- 1.C. Certification Maintenance Requirements

  Table 5 Certification Maintenance Requirements

- 1.D. Fuel Tank System Airworthiness Limitations

  Table 6 Fuel Tank System Airworthiness Limitations

- 1.E.Manufacturers Recommended Restoration / Discard Items

  Table 7 Chapter 36 - Pneumatic Systems

B. Airworthiness Limitations Instructions

The Airworthiness Limitations Instructions specifically address those items which have been identified, through the certification process, as being safe life (life limited) or damage tolerant and

meet the definition of a PSE. Aircraft without a record of the number of landings may calculate by using a ratio of one (1) flight cycle per two (2) flight hours.

NOTE: Mandatory life limitations and inspections, applicable to aircraft certified under EASA Certification Basic Requirements, may differ from those approved by the FAA. Where these limitations or inspection requirements differ, EASA approved data is applicable. Where no supplemental EASA information is provided, FAA approved data is applicable.

(1) Safe Life Limits - FAA

Safe life limits address those items that have been defined as being life limited. Aircraft operating under the jurisdiction of the FAA shall reference Table 1 thru Table 2 for a listing of safe life limited components, including part number, nomenclature, quantity and mandatory discard times.

Table 1:Life Limited Chapter 32 - Landing Gear

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
C1A4100LA002	Main Landing Gear - Discard (1)	1	2500 flight cycles (2)	32-10-00	321010
C1A4100RA002	Main Landing Gear - Discard (1)	1	2500 flight cycles (2)	32-10-00	321011
C1A4300LA002	Main Landing Gear Post Assembly - Discard (1)	1	2500 flight cycles (2)	32-10-00	322719
C1A4300RA002	Main Landing Gear Post Assembly - Discard (1)	1	2500 flight cycles (2)	32-10-00	322723
C1M5300LA001	Main Landing Gear Post Machining - Discard, 32-10-00, Servicing or Code 321013	1	2500 flight cycles (2)	32-10-00	321013
C1M5300RA001	Main Landing Gear Post Machining - Discard	1	2500 flight cycles (2)	32-10-00	321014
C1A4200CA001	Main Landing Gear Shock Absorber - Discard (1)	2	2500 flight cycles (2)	32-12-01	321236 321237
C1M5210CA001	Main Landing Gear Shock Absorber Cylinder Body - Discard	2	2500 flight cycles (2)	32-12-01	321238 321239
C1M5201CA001	Main Landing Gear Shock Absorber Piston Machining - Discard	2	2500 flight cycles (2)	32-12-01	321240 321241
C1M5221CA001	Main Landing Gear Shock Absorber Metering Pin Assembly - Discard	2	2500 flight cycles (2)	32-12-01	321242 321243

(1) Landing gear subassemblies may be tracked separately; however, this does not exclude interfacing and attaching parts, or subassemblies of a landing gear assembly, not listed here, from being subject to the same life limit requirements as the complete main or nose landing gear strut assembly.

(2) Landing gear component safe life limit. Current testing and analysis show no life limits less than 2500 Landings. Final limitations will be established upon completion of fatigue tests. These are Airworthiness Limitations.

Table 1:Life Limited Chapter 32 - Landing Gear

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
C1M5205CA001	Main Landing Gear Shock Absorber Cap Machining - Discard	2	2500 flight cycles (2)	32-12-01	322703 322707
C1M5217CA001	Main Landing Gear Shock Absorber Cylinder Nut - Discard	2	2500 flight cycles (2)	32-12-01	322711 322715
C1M5415CA001	Main Landing Gear Shock Absorber Attach Pin - Discard	4	2500 flight cycles (2)	32-12-01	321244 321245 321246 321247
C1M5417CA001	Main Landing Gear Shock Absorber Attach Nut - Discard	4	2500 flight cycles (2)	32-12-01	322767 322771 322775 322779
C1M5310CA002	Main Landing Gear Forward Trunnion Pin - Discard	2	2500 flight cycles (2)	32-15-01	321508 321510
C1M5311CA002	Main Landing Gear Aft Trunnion Pin - Discard	2	2500 flight cycles (2)	32-15-01	321509 321511
C1M5315CA001	Main Landing Gear Spindle Pin - Discard	2	2500 flight cycles (2)	32-14-03	321433 321434
C1M5316CA002	Main Landing Gear Spindle Pin Nut - Discard	2	2500 flight cycles (2)	32-14-03	322727 322731
C1M5313CA001	Main Landing Gear Aft Pintle Pin Nut - Discard	2	2500 flight cycles (2)	32-15-01	322735 322739
C1M5319CA001	Main Landing Gear Forward Pintle Crossbolt - Discard	2	2500 flight cycles (2)	32-15-01	322743 322747
C1M5322CA001	Main Landing Gear Aft Pintle Crossbolt - Discard	2	2500 flight cycles (2)	32-15-01	322751 322755
C1A4400CA001	Main Landing Gear Axle Fitting - Discard (1)	2	2500 flight cycles (2)	32-13-01	321311 321312
C1M5400CA001	Main Landing Gear Trailing Arm Machining - Discard	2	2500 flight cycles (2)	32-13-01	322759 322763
C1M5425CA001	Main Landing Gear Knee Joint Pin - Discard	2	2500 flight cycles (2)	32-13-01	321313 321314

(1) Landing gear subassemblies may be tracked separately; however, this does not exclude interfacing and attaching parts, or subassemblies of a landing gear assembly, not listed here, from being subject to the same life limit requirements as the complete main or nose landing gear strut assembly.

(2) Landing gear component safe life limit. Current testing and analysis show no life limits less than 2500 Landings. Final limitations will be established upon completion of fatigue tests. These are Airworthiness Limitations.

Table 1:Life Limited Chapter 32 - Landing Gear

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
C1M5426CA001	Main Landing Gear Knee Joint Retention Pin - Discard	2	2500 flight cycles (2)	32-13-01	322783 322787
C1M5420CA001	Main Landing Gear Brake Torque Takeout Pin - Discard	2	2500 flight cycles (2)	32-13-01	324312 324313
C1A4600CA004	Main Landing Gear Side Brace Actuator - Discard (1)	2	2500 flight cycles (2)	32-14-01	321435 321436
C1M5605CA001	Main Landing Gear Side Brace Actuator Cylinder Machining - Discard	2	2500 flight cycles (2)	32-14-01	322791 322795
C1M5651CA001	Main Landing Gear Side Brace Actuator Piston Machining - Discard	2	2500 flight cycles (2)	32-14-01	322799 322803
C1M5654CA001	Main Landing Gear Side Brace Actuator Lock Spool - Discard	2	2500 flight cycles (2)	32-14-01	322807 322811
C1M5655CA002	Main Landing Gear Side Brace Actuator Locking Segments - Discard	2	2500 flight cycles (2)	32-14-01	322815 322819
C1M5601CA001	Main Landing Gear Side Brace Actuator Cylinder End Cap - Discard	2	2500 flight cycles (2)	32-14-01	321248 321249
C1M5602CA001	Main Landing Gear Side Brace Actuator Cylinder Gland - Discard	2	2500 flight cycles (2)	32-14-01	322823 322827
C1M5670CA001	Main Landing Gear Side Brace Actuator Rod End Machining - Discard	2	2500 flight cycles (2)	32-14-01	322831 322835
C1M5640CA001	Main Landing Gear Side Brace Fitting Pin - Discard	2	2500 flight cycles (2)	32-14-03	321437 321438
C2A4200CA003	Nose Landing Gear Shock Absorber - Discard (1)	1	2500 flight cycles (2)	32-22-01	322203
C2M5200CA001	Nose Landing Gear Cylinder Machining - Discard	1	2500 flight cycles (2)	32-22-01	322507
C2M5206CA002	Nose Landing Gear Metering Pin - Discard	1	2500 flight cycles (2)	32-22-01	322523
C2M5201CA001	Nose Landing Gear Piston Machining - Discard	1	2500 flight cycles (2)	32-23-00	322511

(1) Landing gear subassemblies may be tracked separately; however, this does not exclude interfacing and attaching parts, or subassemblies of a landing gear assembly, not listed here, from being subject to the same life limit requirements as the complete main or nose landing gear strut assembly.

(2) Landing gear component safe life limit. Current testing and analysis show no life limits less than 2500 Landings. Final limitations will be established upon completion of fatigue tests. These are Airworthiness Limitations.

Table 1:Life Limited Chapter 32 - Landing Gear

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
C2M5202CA001	Nose Landing Gear Upper Torque Arm - Discard	1	2500 flight cycles (2)	32-22-03	322515
C2M5203CA001	Nose Landing Gear Upper Torque Arm - Discard	1	2500 flight cycles (2)	32-22-05	322519
C2M5235CA001	Nose Landing Gear Lower Torque Arm Attach Pin - Discard	1	2500 flight cycles (2)	32-22-05	322531
C2M5250CA001	Nose Landing Gear Torque Arm Apex Pin - Discard	1	2500 flight cycles (2)	32-22-05	322535
C2E4800CA003	Nose Wheel Steering Equipment Assembly - Discard	1	2500 flight cycles (2)	32-52-03	325208
C2A4300CA001	Nose Landing Gear Trunnion - Discard (1)	1	2500 flight cycles (2)	32-24-01	322434
C2M5300CA001	Nose Landing Gear Trunnion Frame Machining - Discard	1	2500 flight cycles (2)	32-24-01	322539
C2M5310CA001	Nose Landing Gear Trunnion Pin - Discard	2	2500 flight cycles (2)	32-25-01	322588 322589
C2M5311CA001	Nose Landing Gear Retraction Actuator Attach Pin - Discard	1	2500 flight cycles (2)	32-24-01	323811
C2M5312CA001	Nose Landing Gear Cylinder / Trunnion Attach Pin - Discard	1	2500 flight cycles (2)	32-24-01	322428
C2M5314CA001	Nose Landing Gear Cylinder / Trunnion Pin Retaining Bolt - Discard	1	2500 flight cycles (2)	32-24-01	322543
C2A4400CA003	Nose Landing Gear Truss Brace - Discard (1)	1	2500 flight cycles (2)	32-24-05	322547
C2M5400CA001	Nose Landing Gear Truss Brace Forward Machining - Discard	1	2500 flight cycles (2)	32-24-05	322413
C2M5413CA001	Nose Landing Gear Truss Brace Aft Machining - Discard	1	2500 flight cycles (2)	32-24-05	322429
C2M5423CA001	Nose Landing Gear Truss Brace Apex Pin - Discard	2	2500 flight cycles (2)	32-24-05	322436 322551

(1) Landing gear subassemblies may be tracked separately; however, this does not exclude interfacing and attaching parts, or subassemblies of a landing gear assembly, not listed here, from being subject to the same life limit requirements as the complete main or nose landing gear strut assembly.

(2) Landing gear component safe life limit. Current testing and analysis show no life limits less than 2500 Landings. Final limitations will be established upon completion of fatigue tests. These are Airworthiness Limitations.

Table 1:Life Limited Chapter 32 - Landing Gear

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
C2M5425CA001	Nose Landing Gear Downlock Apex Pin - Discard	1	2500 flight cycles (2)	32-24-05	322555
C2M5426CA001	Nose Landing Gear Aft Lock Link Pin - Discard	1	2500 flight cycles (2)	32-24-05	322559
C2M5404CA001	Nose Landing Gear Forward Lock Link Machining - Discard	1	2500 flight cycles (2)	32-24-05	322593
C2M5408CA001	Nose Landing Gear Aft Lock Link Machining - Discard	1	2500 flight cycles (2)	32-24-05	322563
C2M5424CA001	Nose Landing Gear Forward Lock Link Pin - Discard	1	2500 flight cycles (2)	32-24-05	322575
C2A4600CA002	Nose Landing Gear Drag Brace - Discard (1)	1	2500 flight cycles (2)	32-24-03	322433
C2M4601CA001	Nose Landing Gear Drag Brace Strut Body - Discard	1	2500 flight cycles (2)	32-24-03	322579
C2M4602CA002	Nose Landing Gear Drag Brace Rod End - Discard	1	2500 flight cycles (2)	32-24-03	322583
C2M4605CA001	Nose Landing Gear Drag Brace Nut - Discard	1	2500 flight cycles (2)	32-24-03	322587
C2M5234CA001	Nose Landing Gear Drag Brace Lower Attach Pin - Discard	1	2500 flight cycles (2)	32-24-03	322527
C2M5419CA001	Nose Landing Gear Drag Brace Attach Long Sleeve - Discard	1	2500 flight cycles (2)	32-24-03	322567
C2M5420CA001	Nose Landing Gear Drag Brace Attach Short Sleeve - Discard	1	2500 flight cycles (2)	32-24-03	322571
C2M5421CA001	Nose Landing Gear Drag Brace Upper Attach Pin - Discard	1	2500 flight cycles (2)	32-24-03	322432
60P3232030Z004	Main Landing Gear Uplock Hook / Latch Assembly - Discard	1	2500 flight cycles (2)	32-33-01	323305
60P3232031Z004	Main Landing Gear Uplock Hook / Latch Assembly - Discard	1	2500 flight cycles (2)	32-33-01	323306

(1) Landing gear subassemblies may be tracked separately; however, this does not exclude interfacing and attaching parts, or subassemblies of a landing gear assembly, not listed here, from being subject to the same life limit requirements as the complete main or nose landing gear strut assembly.

(2) Landing gear component safe life limit. Current testing and analysis show no life limits less than 2500 Landings. Final limitations will be established upon completion of fatigue tests. These are Airworthiness Limitations.

Table 2:Life Limited Chapter 49 - Airborne Auxiliary Power

Airworthiness Limitations Instructions					
Part Number	**Nomenclature**	**Qty**	**Discard**	**ATA Ref**	**CMP Ref**
WB3822573-1	Compressor Impeller - Discard	1	10,000 APU hours	49-23-00	492300
WE897994-3	Second Stage Turbine Rotor - Discard	1	10,000 APU hours	49-23-00	492302
WK3840141-3	First Stage Turbine Rotor Disc - Discard	1	10,000 APU hours	49-23-00	492301

(2) Safe Life Limits - EASA

Safe life limits address those items that have been defined as being life limited. Aircraft operating under the jurisdiction of EASA shall reference this section for a listing of safe life limited components, including part number, nomenclature, quantity and mandatory discard times.

(3) Principal Structural Element Reporting Procedure

Reporting of inspection results is required to ensure continued airworthiness of the fleet is maintained. This procedure contains the necessary reporting information which shall be used whenever a Principal Structural Element (PSE) inspection is accomplished.

NOTE: Inspection results, both positive and negative, shall be reported to Gulfstream Maintainability Engineering, 912-965-3153, FAX 912-965-4704. Discrepancies must be reported within 24 hours of their findings. Complete Table 3 with inspection results. Provide a digital photograph of the discrepancy.

Inspection intervals are given in flight cycles unless otherwise specified.

Table 3: PSE Inspection Results

PSE Number		A/C Serial Number	A/C Tail Number
Part Number(s) [if applicable]	A/C Hours	A/C Landings	Date of Inspection
Discrepancies Found			
Yes (If yes, information below must be completed.)		No	
Location			
FS		BL	WL
Size			
Orientation			

(4) Principal Structural Element Inspection Requirements

Table 4 contains a list of PSE inspections with the specific description, inspection type, initial inspection interval, repeat inspection interval and Computerized Maintenance Program (CMP) Reference.

NOTE: Inspection intervals are given in flight cycles unless otherwise specified.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
27-43-100	Horizontal Stabilizer Trim Actuator (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-12-003	Nose Landing Gear Horizontal Drag Brace Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-13-004	Nose Landing Gear Actuator Support Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-001	Trunnion Lugs (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-002	Aft Beam Splice (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-003	Lower Skin at Rear Spar Attach (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-004	Sponson Lower Chord (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-101	Main Landing Gear Side Brace Lugs (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-15-102	Main Landing Gear Side Brace Pin (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.
(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
32-16-001	Nose Landing Gear Trunnion Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
32-16-002	Nose Landing Gear Vertical Drag Brace Fitting Lug (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
52-30-102	Baggage Door Stop Fitting Supports (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-11-200	Nose Landing Gear Skin Cutout at FS 220 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-11-301	FS 243 Skin Splice at Lower Rail (WL 113) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-11-302	FS 243 Skin Splice at Upper Rail (WL 132.5) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-11-401	Circumferential Skin Splice at FS 245 Above WL 132.5 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-11-402	Circumferential Skin Splice at FS 324.5 Above Stringer 6 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-100	FS 167 Forward Pressure Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-200	FS 189 Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-300	FS 243 Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-401	FS 273 and FS 309 Bulkhead Splices at Stringers 3L and 19L (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-402	FS 273 and FS 309 Bulkhead at Upper Cabin Door Longeron (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-403	FS 273 and FS 309 Bulkhead at Lower Cabin Door Longeron (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-12-500	FS 223 Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-15-100	Cockpit Pressure Floor (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-101	Cockpit Side Window Surround (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-102	Cockpit Windshield Surround (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-103	Cockpit Upper Rail Splice Straps at Side Post (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-104	Cockpit Lower Rail Splice Straps at Side Post (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-201	Cockpit Upper Rail Splice at FS 245 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-202	Cockpit Lower Rail Splice at FS 245 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-301	Center Windshield Post Lower Attachment Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-17-302	Center Windshield Post Upper Attachment (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-17-800	Cockpit Crossbeam (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-19-100	Forward Cabin Frame Splices at Longerons 9 and 13 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-19-101	Cabin Door Cutout Surround Structure (Cutout Corners) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-19-102	Cabin Door Stop Fittings And Latch Supports (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-21-201	Fuselage Penetrations (Antennas) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-22-200	FS 511.5 Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-23-100	Forward BL 6 Wing Attach Fitting Supports (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-27-101	Forward Cabin Window Rings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-28-100	Service Pressure Boxes (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-29-100	Stringer 19 Longitudinal Skin Splice (Beneath Wing Fairing) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-30-100	Vertical Fin Drag Angle at FS 1003 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-31-100	Fuselage Skin Exterior External Fuselage - General Visual Inspection	Visual	800 flight cycles	800 flight cycles	53-00-00	530017
53-31-303	Fuselage Skins at Wing Pressure Box Cutout (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-32-200	FS 529 Main Frame (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-32-300	FS 686.5 Main Frame (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-33-100	FS 739 Bulkhead Inner Chord Splice at Longeron 17 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-33-200	Longeron 9 and 13 Splices at FS 529 and FS 686 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-33-300	Longeron 17 Splices at FS 581.5 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-33-400	Midcabin Frame Splices at Longerons 9 and 13 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-33-500	Longerons 7 and 15 Splices at FS 669 and FS 704 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-100	FS 529 Wing Attach Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-200	Forward BL 6 Wing Attach Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-300	Forward BL 0 Wing Attach Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-34-400	BL 49 Wing Attach Drag Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-500	FS 686.5 Wing Attach Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-600	FS 686.5 Lateral Wing Attach Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-701	Forward Torque Box Connection to Wing Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-34-702	Aft Torque Box Connection to Longeron 24 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-35-100	FS 529 Floor Beam Connection (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-35-200	FS 686.5 Floor Beam Connection (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-35-300	Midcabin Pressure Floor Structure (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-35-400	Midcabin Pressure Floor Support Links (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-37-100	Midcabin Window Rings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-37-201	Emergency Exit Surrounds (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-37-202	Emergency Exit Stop Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-39-301	FS 529 and FS 686.5 Splices (Above Stringer 8) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-39-302	FS 747.5 Circumferential Skin Splice (Above Stringer 8) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-41-300	Pylon Area Skin Cutouts (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-41-400	Lower Access Cutouts (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-42-201	FS 823 Baggage Door Frame (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-42-202	FS 868.5 Baggage Door Frame (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-42-203	FS 951.3 Upper Engine Mount Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-42-204	FS 951.3 Lower Engine Mount Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-42-300	FS 951.3 Aft Engine Mount Frame (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-44-100	FS 886 Composite Pressure Bulkhead (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-44-101	FS 886 Upper Engine Mount Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-44-102	FS 886 Lower Engine Mount Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-46-200	APU Access Door Surround Structure (Cutout Corners) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-47-300	Thrust Strut Fuselage Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-48-101	Baggage Door Surround Structure (Cutout Corners) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-49-100	FS 805.5 Circumferential Skin Splice (Above Stringer 8) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-49-200	FS 951 Circumferential Skin Splice (Above Stringer 8) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-51-100	Vertical Fin Cutout at FS 1003 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-52-101	FS 1003 Frame at Fin Attachment (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
53-52-102	FS 1047.6 Frame at Fin Attachment (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
53-52-103	FS 1083.8 Bulkhead at Fin Attachment (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-10-001	Pivot Fitting, Pivot Lug (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-10-002	Pivot Fitting, Lug Root (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-10-100	Pivot Fitting Bolt Assembly (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-12-001	Shear Fitting Forward (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-12-002	Center Beam At Splice (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-12-100	Horizontal Stabilizer Exterior (Composite Structure) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-22-100	Elevator Exterior (Composite Structure) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
55-22-200	Elevator Hinge Assemblies (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-30-100	Fuselage Attach (Boomerang) Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-32-001	Pivot Fitting Lug (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-32-100	Horizontal Stabilizer Trim Actuator Supports (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-32-200	Rear Beam at Pivot Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-32-300	Upper Shear Shelf Aft and Top Shear Bracket (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-40-100	Rudder Hinge Assemblies (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
55-42-100	Rudder Exterior (Composite Structure) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.
(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-00-001	FS 529 Vertical Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-002	BL 49 Drag Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-003	Forward BL 6 Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-004	Aft BL 6 Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-005	FS 686 Vertical Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-006	FS 686 Horizontal Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-00-007	BL 0 Cabin Floor Support Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-002	Wing Upper Skin at Sponson Attach Location (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-012	Lower Cover Splice Stringers (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-10-013	Lower Cover Coaming Stringers (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-014	BL 6 Stringer Runouts (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-015	Wing Lower Skin at Sponson Attach Location (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-100	Wing Lower Cover External Skins (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-101	Front Spar Exposed Surfaces (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-102	Front Spar at BL 49 Attachment Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-103	Front Spar Splice at BL 103 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-200	Wing Upper Cover External Skins (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.
(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-10-201	Rear Spar Lower Chord Inboard of BL 90 (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-202	Rear Spar Web at Main Landing Gear Sponson (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-203	Rear Spar RBS 150 Splice (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-204	Rear Spar Exposed Surfaces (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-205	Rear Spar at Flap Tracks B and C (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-206	Rear Spar Lower Chord at Actuator Cutouts (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-207	Rear Spar at BL 49 Attachment Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-208	Rear Spar at Spoiler Actuator Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-10-209	Rear Spar at Main Landing Gear Side Brace Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-301	BL 0 Rib (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-302	BL 6 Rib at Wing Attach Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-303	BL 34 Rib (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-304	BL 49 Rib (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-305	BL 90 Rib (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-306	BL 115 Rib (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-401	Lower Wing Skin At BL 0 Splice (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-402	BL 0 Splice at Front Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.
(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-10-403	BL 0 Splice at Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-10-404	BL 0 Splice Plates (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-002	Track A and Attachments to Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-003	Track B and Attachments to Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-004	Track C and Attachments to Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-005	Track D and Attachments to Rear Spar (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-007	Front Spar at Tracks (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-55-100	Flap Exterior (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
57-55-200	Flap Roller Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-60-001	Aileron Hinge Assemblies (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-70-100	Spoiler Exterior (Composite Structure) (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-71-001	Ground Spoiler Hinge Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-72-001	Inboard Spoiler Hinge Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
57-73-001	Outboard Spoiler Hinge Fittings (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-21-100	FS 886 Engine Mount Fitting (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-22-100	FS 951.3 Upper and Lower Aft Engine Mount Struts (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-23-100	Thrust Strut (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.
(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

Table 4: PSE Inspection Requirements

PSE Number	Description Aircraft Maintenance Manual Procedure	NDI Type	Inpection Interval		ATA Ref	CMP Ref
			Initial	Repeat		
71-23-101	Engine Mount Attach Pins (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-23-102	Engine Mount Taper Pins (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-23-200	FS 886 Upper and Lower Engine Links (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-23-300	Alignment Strut (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)
71-23-400	FS 886 Upper Fuselage Link (1)	NDT	2500 flight cycles	2500 flight cycles	(2)	(2)

(1) Principal Structural Elements that have an inspection threshold beyond 2500 flight cycles. Upon completion of the certification fatigue test program, inspection thresholds, repeat intervals and required methods (NDT, visual, etc.) will be defined for each PSE. These are Airworthiness Limitations.

(2) Upon completion of the certification fatigue test program, AMM procedures and CMP code assignment will be defined for each PSE.

C. Certification Maintenance Requirements

(1) Introduction

This section lists all Gulfstream GVI (G650) Certification Maintenance Requirements (CMRs), based on safety analyses, performed to meet requirements of FAR / JAR 25.1529, Instructions for Continued Airworthiness and other relevant requirements and engineering judgement.

(2) Types

Certification maintenance requirements are categorized into two types of tasks as follows:

(a) One star CMRs (*) - The task and interval specified are mandatory and cannot be changed, escalated or deleted without FAA concurrence.

(b) Two star CMRs (**) - Task intervals may be adjusted in accordance with an operator's approved escalation practices or an approved reliability program, however, task may not be changed or deleted without prior FAA approval.

(3) Maintenance Tasks

All CMR tasks are listed in Table 5.

NOTE: CMR tasks may be performed in accordance with Chapter 05-20-00, Scheduled Maintenance Checks, Figure 1.

Table 5: Certification Maintenance Requirements (CMR)

ATA Ref	Description	Type	CMP Ref	Initial / Repeat
21-31-00	Cabin Pressurization Control - System Check CMR Ref: 21-31-01 CMR Ref: 21-31-02	**	213103	6000 flight hours
24-23-00	Ram Air Turbine Ground - Operational Check MRB Ref: 24-20-00-03 MRB Ref: 24-20-00-10 CMR Ref: 24-10-01 CMR Ref: 24-10-02 CMR Ref: 24-10-03 CMR Ref: 24-10-04 **NOTE:** 24 months or 1200 flight hours, whichever occurs first.	**	242308	Note
12-23-03	Aileron Actuator Toggle Links - Lubrication MRB Ref: 27-13-00-01 CMR Ref: 27-00-01 **NOTE:** 24 months or 1200 flight hours, whichever occurs first.	*	122323 122324	Note
12-23-03	Rudder Actuator Toggle Links - Lubrication MRB Ref: 27-23-00-02 CMR Ref: 27-00-01 **NOTE:** 24 months or 1200 flight hours, whichever occurs first.	*	122325	Note

Table 5: Certification Maintenance Requirements (CMR)

ATA Ref	Description	Type	CMP Ref	Initial / Repeat
12-23-03	Elevator Actuator Toggle Link - Lubrication MRB Ref: 27-33-00-02 CMR Ref: 27-00-01 **NOTE:** 24 months or 1200 flight hours, whichever occurs first.	*	122326 122327	Note
27-10-00	Aileron Free Play Backlash - Functional Check MRB Ref: 27-13-00-05 CMR Ref: 27-00-01 **NOTE:** 120 months or 1200 flight hours, whichever occurs first.	*	271182 271183	Note
27-20-00	Rudder Free Play Backlash - Functional Check MRB Ref: 27-23-00-04 CMR Ref: 27-00-01 **NOTE:** 120 months or 1200 flight hours, whichever occurs first.	*	272002	Note
27-30-00	Elevator Free Play Backlash - Functional Check MRB Ref: 27-33-00-04 CMR Ref: 27-00-01 **NOTE:** 120 months or 1200 flight hours, whichever occurs first.	*	273008 273009	Note
12-23-03	Horizontal Stabilizer Actuator - Lubrication MRB Ref: 27-40-00-01 MRB Ref: 27-40-00-07 CMR Ref: 27-00-02 **NOTE:** 24 months or 1200 flight hours, whichever occurs first.	*	122315	Note
27-00-00	Primary Flight Control System Actuator Integrity (Suite B) - Initiated Built-in Test - Functional Check MRB Ref: 27-13-00-06 MRB Ref: 27-23-00-06 MRB Ref: 27-33-00-06 CMR Ref: 27-10-01 CMR Ref: 27-10-02 CMR Ref: 27-10-03 CMR Ref: 27-10-04 CMR Ref: 27-20-01 CMR Ref: 27-20-02 CMR Ref: 27-20-03 CMR Ref: 27-20-04 CMR Ref: 27-30-01 CMR Ref: 27-30-02 CMR Ref: 27-30-03 CMR Ref: 27-30-04	*	271009	6000 flight hours

Table 5: Certification Maintenance Requirements (CMR)

ATA Ref	Description	Type	CMP Ref	Initial / Repeat
27-10-00	Aileron Actuator Integrity (Suite A) - Initiated Built-in Test - Functional Check MRB Ref: 27-13-00-04 CMR Ref: 27-10-01 CMR Ref: 27-10-02 CMR Ref: 27-10-03 CMR Ref: 27-10-04	*	271002	600 flight hours
~~27-10-00~~	~~Aileron Actuator Integrity (Suite B) - Initiated Built-in Test~~ ~~MRB Ref: 27-13-00-06~~ ~~CMR Ref: 27-10-01~~ ~~CMR Ref: 27-10-02~~ ~~CMR Ref: 27-10-03~~ ~~CMR Ref: 27-10-04~~	~~*~~	~~271003~~	~~3600 flight hours~~
27-20-00	Rudder Actuator Integrity (Suite A) - Initiated Built-in Test - Functional Check MRB Ref: 27-23-00-05 CMR Ref: 27-20-01 CMR Ref: 27-20-02 CMR Ref: 27-20-03 CMR Ref: 27-20-04	*	272004	600 flight hours
~~27-20-00~~	~~Rudder Actuator Integrity (Suite B) - Initiated Built-in Test~~ ~~MRB Ref: 27-23-00-06~~ ~~CMR Ref: 27-20-01~~ ~~CMR Ref: 27-20-02~~ ~~CMR Ref: 27-20-03~~ ~~CMR Ref: 27-20-04~~	~~*~~	~~272005~~	~~3600 flight hours~~
27-30-00	Elevator Actuator Integrity (Suite A) - Initiated Built-in Test - Functional Check MRB Ref: 27-33-00-05 CMR Ref: 27-30-01 CMR Ref: 27-30-02 CMR Ref: 27-30-03 CMR Ref: 27-30-04	*	273006	600 flight hours
~~27-30-00~~	~~Elevator Actuator Integrity (Suite B) - Initiated Built-in Test~~ ~~MRB Ref: 27-33-00-06~~ ~~CMR Ref: 27-30-01~~ ~~CMR Ref: 27-30-02~~ ~~CMR Ref: 27-30-03~~ ~~CMR Ref: 27-30-04~~	~~*~~	~~273007~~	~~3600 flight hours~~

Table 5: Certification Maintenance Requirements (CMR)

ATA Ref	Description	Type	CMP Ref	Initial / Repeat
27-40-00	Horizontal Stabilizer Trim Actuator Backlash - Functional Check MRB Ref: 27-40-00-06 CMR Ref: 27-00-02	*	274001	6000 flight hours
27-40-00	Horizontal Stabilizer Trim Actuator Secondary Nut Mechanism and Clutch - Operational Check MRB Ref: 27-40-00-03 MRB Ref: 27-40-00-05 CMR Ref: 27-40-01 CMR Ref: 27-40-02	*	274002	4800 flight hours
27-40-00	Horizontal Stabilizer Trim Actuator Tie Rod Mechanism - Operational Check MRB Ref: 27-40-00-04 CMR Ref: 27-40-01	*	274003	4800 flight hours
28-15-01	Wing Vent Float Valve - Operational Check MRB Ref: 28-10-00-02 MRB Ref: 28-10-00-03 MRB Ref: 28-10-00-04 MRB Ref: 28-10-00-05 CMR Ref: 28-15-01 **NOTE:** 96 months or 4800 flight hours, whichever occurs first.	*	281528 281529	Note
28-15-13	Flame Arrestor - Detailed Inspection MRB Ref: 28-15-00-01 MRB Ref: 28-15-00-02 CMR Ref: 28-15-02 **NOTE:** 96 months or 4800 flight hours, whichever occurs first.	*	281532 281533	Note
32-39-00	Landing Gear Emergency Extension System - Operational Check MRB Ref: 32-39-00-01 CMR Ref: 32-10-01 CMR Ref: 32-10-02 **NOTE:** 36 months or 1800 flight hours, whichever occurs first.	**	323916	Note

D. Fuel Tank System Airworthiness Limitations

(1) Introduction

The maintenance inspections presented below are necessary to maintain the design features required to preclude the existence or development of ignition sources within the fuel tank system throughout the operational life of the aircraft. These inspections are the result of safety analysis performed to substantiate compliance with CFR 25.981 as presented in Gulfstream GVI-GER-0127.

(2) Maintenance Tasks

All Fuel Tank System Airworthiness Limitations tasks are listed in Table 6.

NOTE: Fuel tank system airworthiness limitation tasks may be performed in accordance with Chapter 05-20-00, Scheduled Maintenance Checks, Figure 1.

Table 6: Fuel Tank System Airworthiness Limitations

AMM Ref	Description	CMP Ref	Initial / Repeat
57-10-00	Lightning Ignition Source Protection Features - Detailed Inspection	572000	96 months

E. Manufacturers Recommended Restoration / Discard Items

The purpose of this section is to provide the operators with a list of installed components having restoration and / or discard task intervals.

Table 7: Chapter 36 - Pneumatic Systems

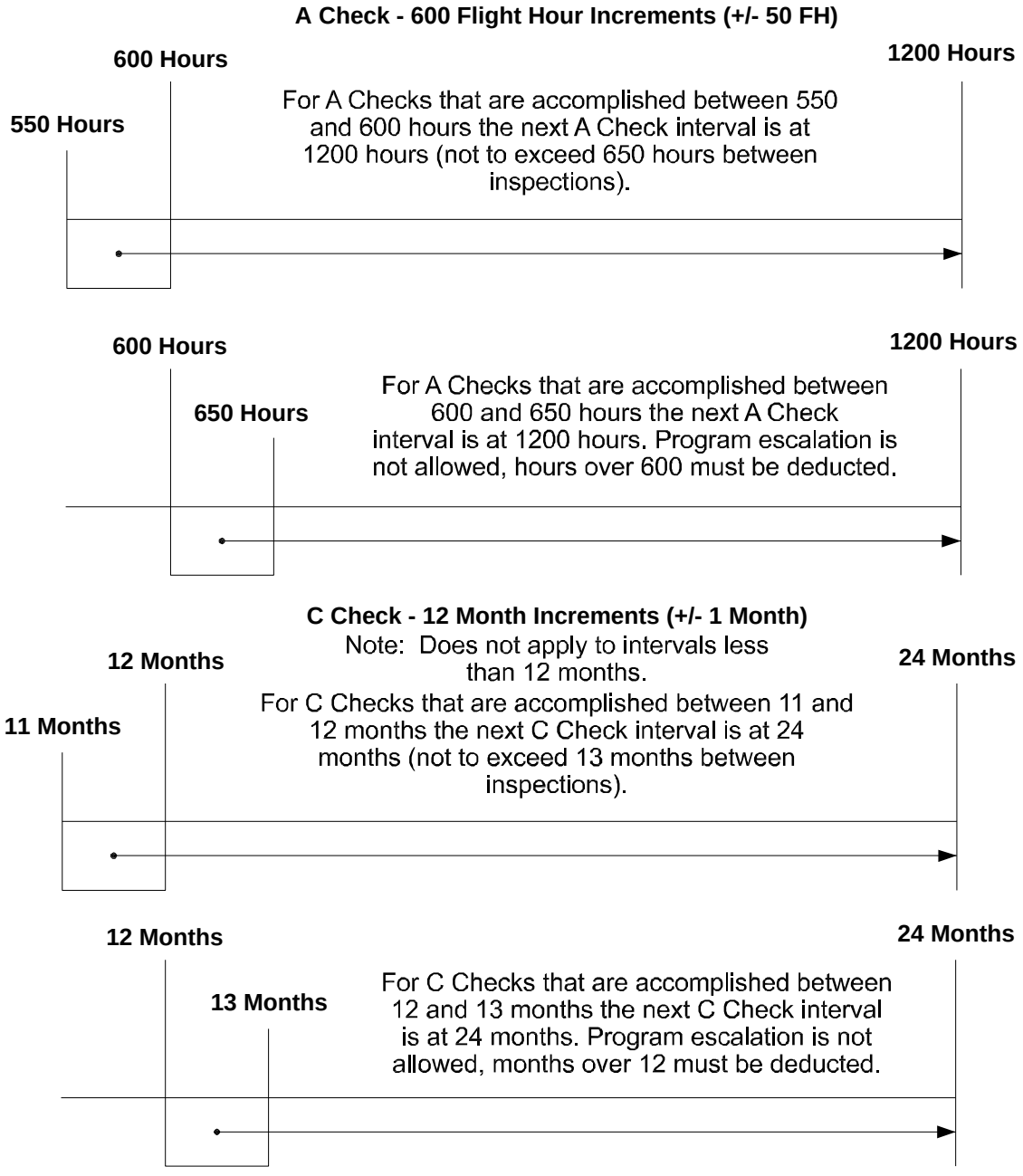
ATA Ref	Component	Manufacturer / Part Number	Limits	CMP Ref
36-11-05	HP Stage 5 Air Nonreturn Valve - Restore MRIP **NOTE:** 24 months or 1250 flight hours, whichever occurs first. Calendar Months are initially tracked from Aircraft C of A.	Honeywell Aerospace 3202908-1	Note	361110 361111

SCHEDULED MAINTENANCE CHECKS

1. Scheduled Maintenance

A. Introduction

The scheduled inspection intervals selected for the Gulfstream GVI (G650) are as follows (see Figure 1):



Scheduled Inspection Intervals
Figure 1

NOTE: Flight hours and flight cycles are tracked from first flight. C Checks and calendar items (monthly checks) are clocked from Entry Into Service (EIS) after completion of initial outfitting installation, unless EIS exceeds 12 months from Certificate of Airworthiness. If EIS exceeds 12 months from Certificate of Airworthiness, then C Checks and calendar items (monthly checks) are clocked from the aircraft Certificate of Airworthiness date plus 12 months.

Inspection intervals are defined as follows: A Check = 600 flight hours, C Check = 12 months. For multiple A and C tasks, use multiples of basic check intervals, e.g., 2A = 1200 hours, 3C = 36 months.

Inspection interval guidelines:

- Allowable windows do not apply to Airworthiness Limitations, Department of Transportation (DOT), FAA or EASA regulations (i.e., air data systems and air traffic control transponder checks shall be tested at the interval specified by applicable Federal Aviation Regulations (FARs) or National Aviation Authority requirements.
- Accomplishment of tasks beyond established A or C Checks, including windows, are not intended to be cumulative.
- After completion of an A or C Check, within allowable window, next due interval shall be at scheduled time or date, as calculated from the due time of last completed inspection, not from the point of current inspection completion.
- For inspections with a reduced recurring interval (i.e., 10,000 initial / 2000 recurring), the next due inspection is dependent upon the initial inspection accomplishment. See Figure 2.
- Allowable windows do not apply to intervals less than 600 hours or 12 months.

  Any inspection accomplished before beginning of inspection window, must adjust next scheduled inspection due from point of early inspection completion.

- Unless otherwise specified, the calendar month window is allowed for any monthly checks 12 months or greater. See Figure 1. C Checks or monthly inspections may be accomplished on any day of the month in which they are due.
- Unless otherwise specified, the 50 hour window is allowed for any hourly checks 600 hours or greater. See Figure 1.
- An operator may desire to perform A or C interval tasks on a continuous or manufacturer's recommended maintenance program system (e.g., A or C interval tasks would be phased into a number of individual packages). This would be considered acceptable, provided the maximum interval between successive tasks does not exceed those windows listed in Figure 1. The individual tasks or phases should not be so numerous as to preclude a substantive evaluation of the condition of entire aircraft.
- In-service utilization is expected to range from a low of 250 aircraft flight hours to a high of 1750 aircraft flight hours annually on individual aircraft. Consideration for operators whose annual utilization places them in a low utilization category (less than 250 flight hours) has been made outside the MRB process and as a result calendar limits have been added to certain maintenance tasks. These affected maintenance tasks have been incorporated into AMM Chapter 5 as Manufacturer Recommended Inspection Program (MRIP) tasks. Reference Manufacturer Recommended Inspection Program Tasks, 05-00-00, Time Limits / Maintenance Checks for additional information.

Scheduled Maintenance Section - Subsections

- Recommended Scheduled Maintenance Tables
- Maintenance Review Board (MRB) Report

The recommended scheduled maintenance tables are provided for maintenance planning purposes. They provide cross-reference between task description, applicable Chapter / Section in

the Aircraft Maintenance Manual, Computerized Maintenance Program (CMP), MRB Report and maintenance interval. The following tables contain all scheduled maintenance requirements contained within the MRB Report plus Gulfstream recommended inspections. The general maintenance program rules for the Gulfstream GVI (G650) are contained within the MRB Report and are applicable to the recommended scheduled maintenance table.

There are check and interval initial / repeat tables which have corresponding or equivalent frequencies. Consult all scheduled maintenance tables for maintenance planning purposes.

Unless otherwise specified, newly issued requirements and changes to existing requirements become effective as defined by new / changed information following revision. Action is to be accomplished at earliest convenient time when maintenance is being accomplished in the same area or no later than next interval following publication date of revision.

NOTE: If the early compliance time is greater than the recurring interval, the next inspection due is at the original initial due time.

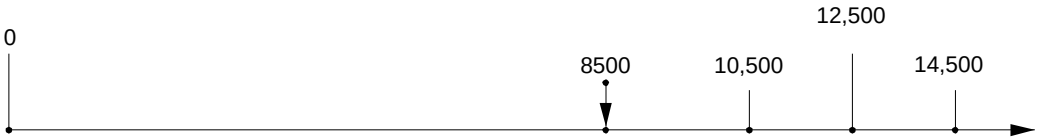
10,000 INITIAL 2000 RECURRING
(EARLY COMPLIANCE = 7000)



For initial compliance early at 3000 hours having 7000 hours remaining until the original threshold interval, the next requirement is at the original 10,000 hours then recurring at 2000 hours.

NOTE: If the early compliance time is less than the recurring interval, the next inspection due is at the recurring interval from the actual accomplished point.

10,000 INITIAL 2000 RECURRING
(EARLY COMPLIANCE = 1500)



For initial compliance early at 8500 hours having less than 2000 hours remaining until the original due time, the next requirement is at 10,500 hours and all subsequent requirements are recurring at 2000 hours.

TIL-009703

Early Inspection Compliance
Figure 2

(1) Recommended Scheduled Maintenance Tables

- Table 1 - 1A Check Scheduled Maintenance
- Table 2 - 2A Check Scheduled Maintenance
- Table 3 - 3A Check Scheduled Maintenance
- Table 4 - 4A Check Scheduled Maintenance
- Table 5 - 5A Check Scheduled Maintenance
- Table 6 - 6A Check Scheduled Maintenance
- Table 7 - 8A Check Scheduled Maintenance
- Table 8 - 10A Check Scheduled Maintenance
- Table 9 - 20A Check Scheduled Maintenance
- Table 10 - 1C Check Scheduled Maintenance
- Table 11 - 2C Check Scheduled Maintenance
- Table 12 - 3C Check Scheduled Maintenance
- Table 13 - 4C Check Scheduled Maintenance
- Table 14 - 5C Check Scheduled Maintenance
- Table 15 - 6C Check Scheduled Maintenance
- Table 16 - 8C Check Scheduled Maintenance
- Table 17 - 8C / 4C Check Scheduled Maintenance
- Table 18 - 10C Check Scheduled Maintenance
- Table 19 - 12C Check Scheduled Maintenance
- Table 20 - 12C / 8C Check Scheduled Maintenance
- Table 21 - 16C Check Scheduled Maintenance
- Table 22 - 16C / 12C Check Scheduled Maintenance
- Table 23 - 20C Check Scheduled Maintenance
- Table 24 - 4 Month Scheduled Maintenance
- Table 25 - 24 Month Scheduled Maintenance
- Table 26 - 10,000 Flight Hour Scheduled Maintenance
- Table 27 - 10,000 Flight Cycle Scheduled Maintenance
- Table 28 - Landing Gear Inspection
- Table 29 - APU Inspection
- Table 30 - Engine Inspection
- Table 31 - Miscellaneous Inspection

Table 1: 1A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-14-13	Air Turbine Starter Oil - Discard MRB Ref: 80-11-00-01	121408	1A
12-22-03	Nose Wheel Steering Unit - Lubrication MRB Ref: 32-50-00-01 MRIP **NOTE:** 1A or 2C, whichever occurs first.	122211	Note
12-22-03	Nose Wheel Steering Collar Assembly / Slave Gear - Lubrication MRB Ref: 32-50-00-02 MRIP **NOTE:** 1A or 2C, whichever occurs first.	122212	Note

Table 1: 1A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
24-21-01	IDG - Detailed Inspection MRB Ref: 24-20-00-01 **NOTE:** ~~1A or 1C, whichever occurs first.~~	242109 242110	1A
24-23-01	Ram Air Turbine Built-inTest Switch - Operational Check MRB Ref: 24-20-00-13 MRIP **NOTE:** 1A or 2C, whichever occurs first.	242351	Note
27-60-00	Spoiler Actuator Integrity (Suite A) - Initiated Built-in Test - Functional Check MRB Ref: 27-63-00-02	276004	1A
28-15-07	Fuel Vent System - Operational Check MRB Ref: 28-10-00-01	281530 281531	1A
30-41-00	Windshield Surface Seal - Detailed Inspection MRB Ref: 56-10-00-03 MRIP **NOTE:** 1A or 2C, whichever occurs first.	304118 304119	Note
32-00-00	Nose and Main Landing Gear and Doors - Zonal Inspection MRB Ref: 32-31-00-04 MRB Ref: 32-31-00-05 MRB Ref: 32-31-00-08 MRB Ref: 32-700-01 MRB Ref: 32-700-02 MRB Ref: 32-700-03 MRB Ref: ~~52.40.00 / 01~~ **NOTE:** 1A or 2C, whichever occurs first.	320003	Note
32-43-01	Brake Wear Indicators - Detailed Inspection MRB Ref: 32-41-00-03	324304 324305 324306 324307	1A
53-10-00	Nose Landing Gear Wheel Well FS 148.5 - FS 223 - Zonal Inspection MRB Ref: 32-31-00-01 MRB Ref: 32-31-00-03 MRB Ref: 32-31-00-06 MRB Ref: 32-31-00-08 MRB Ref: 53-100-03 MRB Ref: 53.12.00 / 02 MRB Ref: 53.13.00 / 02 MRB Ref: 53.16.01 / 02 **NOTE:** 1A or 2C, whichever occurs first.	531024	Note

Table 1: 1A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-30-00	Main Landing Gear Wheel Well and Torque Box FS 671.411 - FS 739 - Zonal Inspection MRB Ref: 32-31-00-01 MRB Ref: 32-31-00-03 MRB Ref: 32-31-00-08 MRB Ref: 53-100-10 MRB Ref: 53.32.00 / 01 MRB Ref: 53.34.00 / 03 MRB Ref: 53.35.00 / 03 MRB Ref: 53.35.00 / 04 MRB Ref: 57.10.00 / 11 **NOTE:** 1A or 2C, whichever occurs first.	533000 533001	Note
53-30-00	Main Landing Gear Wheel Well and Torque Box FS 671.411 - FS 739 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-08 MRIP **NOTE:** 1A or 2C, whichever occurs first.	533002 533003	Note
71-00-00	Engine Maintenance Program Declaration MRIP **NOTE:** One time inspection	710039	1A
72-31-02	LP Compressor Fan Blades - Detailed Inspection MRB Ref: 72-31-00-02	723101	1A
72-34-01	LP Compressor Case Inner Surface - General Visual Inspection MRB Ref: 72-31-00-05	723401	1A
72-38-01	LP Compressor Intake Rotating Fairing - General Visual Inspection MRB Ref: 72-31-00-01	723806	1A
78-00-00	Engine Exhaust - General Visual Inspection MRB Ref: 72-56-00-03	780001	1A
79-21-04	Magnetic Chip Detectors - Detailed Inspection MRB Ref: 72-32-00-04 MRB Ref: 72-41-00-05 MRB Ref: 72-51-00-04 MRB Ref: 72-61-00-01	792109 792110 792111	1A
80-11-01	Air Turbine Starter Magnetic Chip Collector - Detailed Inspection MRB Ref: 80-11-00-02	801104	1A
80-11-01	Air Turbine Starter - General Visual Inspection MRB Ref: 80-11-00-03	801118	1A

Table 2: 2A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-23-03	Flap Actuator Ball Nut - Lubrication MRB Ref: 27-50-00-01 MRIP **NOTE:** 2A or 2C, whichever occurs first.	122328 122329	Note
71-10-00	Engine Upper and Lower Cowl Doors - General Visual Inspection MRB Ref: 71-13-00-06	711000 711001	2A
71-10-00	Engine Internal - Zonal Inspection MRB Ref: 30-21-00-01 MRB Ref: 71-11-00-03 MRB Ref: 71-13-00-01 MRB Ref: 71-13-00-02 MRB Ref: 71-13-00-03 MRB Ref: 71-13-00-04 MRB Ref: 71-13-00-05 MRB Ref: 71-14-00-02 MRB Ref: 71-14-00-03 MRB Ref: 71-400-03 MRB Ref: 73-12-00-01 MRB Ref: 78-32-00-04 MRIP **NOTE:** 2A or 4C, whichever occurs first.	711002 711003	Note
71-10-00	Engine Lower Fan Cowl Door - Enhanced Zonal Inspection MRB Ref: 54-400-EZIP-02 MRIP **NOTE:** 2A or 4C, whichever occurs first.	711004 711005	Note
71-11-00	Inlet Cowl - General Visual Inspection MRB Ref: 71-11-00-01 MRB Ref: 71-11-00-02	711104 711105	2A
71-14-00	Engine Fixed Cowl - Detailed Inspection MRB Ref: 71-14-00-01	711406 711407	2A
71-71-03	Drains Tubes and Fittings - Detailed Inspection MRB Ref: 71-71-00-01	717108	2A
79-21-02	Oil System Pressure Filter Element - Discard MRB Ref: 79-21-00-01	792106	2A

Table 3: 3A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
31-63-05	Displays Manual Reversion - Operational Check MRB Ref: 31-61-00-01	316322	3A

Table 4: 4A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
26-13-00	APU Compartment Fire Detect Loop - Operational Check MRB Ref: 26-13-00-01	261305	4A
26-13-00	APU (Fire) Shut-down Circuit - Operational Check MRB Ref: 26-13-00-02	261304	4A
71-00-00	Nacelle, T/Rev and Exhaust External (Viewed From Platform) - Zonal Inspection MRB Ref: 71-400-01 MRB Ref: 78-32-00-05 MRIP **NOTE:** 4A or 4C, whichever occurs first.	710035 710036	Note
78-31-00	T/Rev and Exhaust Internal - Zonal Inspection MRB Ref: 71-400-05 MRB Ref: 78-32-00-01 MRB Ref: 78-32-00-02 MRB Ref: 78-32-00-05 MRIP **NOTE:** 4A or 4C, whichever occurs first.	783112 783113	Note
78-31-00	T/Rev - General Visual Inspection MRB Ref: 78-32-00-03	783110 783111	4A
78-31-00	T/Rev HIRF/L - Detailed Inspection MRB Ref: 78-400-HIRF-01 MRIP **NOTE:** 4A or 8C, whichever occurs first.	783114 783115	Note

Table 5: 5A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
21-33-01	Pressure Relief Valve - Functional Check MRB Ref: 21-30-00-01 MRB Ref: 21-30-00-03 MRB Ref: 21-30-00-04	213306	5A
21-33-03	Baggage Compartment Shut-off Valve and Reset Switch - Operational Check MRB Ref: 21-52-00-05 MRB Ref: 21-52-00-06	213311	5A
21-33-07	Pressure Relief Valve Remote Air Filter - Detailed Inspection MRB Ref: 21-30-00-02	213304	5A
55-10-00	Horizontal Stabilizer Rub Blocks - General Visual Inspection MRB Ref: 55-11-00-01	551010 551011	5A

Table 5: 5A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
55-10-00	Horizontal Stabilizer Rub Block / Vertical Fin Rub Strip Gaps - Functional Check MRB Ref: 55-11-00-02	551016	5A

Table 6: 6A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
27-60-00	Spoiler Actuator Integrity (Suite B) - Initiated Built-in Test - Functional Check MRB Ref: 27-63-00-03	276005	6A

Table 7: 8A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
21-33-02	Baggage Compartment Decompression Advisory System - Functional Check MRB Ref: 21-35-00-01	213315	8A
34-29-05	Enhanced Vision System II Window Assembly - Detailed Inspection MRB Ref: 34-29-00-01	342907	8A
36-12-11	APU Check Valve - Detailed Inspection MRB Ref: 36-12-00-01	361209	8A
72-32-00	LP Compressor Outlet Guide Vanes, Fan Air Splitter and Engine Section Stators - Detailed Inspection MRB Ref: 72-32-00-01 MRB Ref: 72-32-00-02	723200	8A
72-71-02	Bypass Duct - General Visual Inspection MRB Ref: 72-71-00-02	727102	8A
72-71-02	Engine Bypass Duct Internal FS 894.6 - FS 950.3 - Zonal Inspection MRB Ref: 71-400-04 MRB Ref: 72-71-00-01 MRIP **NOTE:** 8A or 16C, whichever occurs first	727103	Note

Table 8: 10A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-23-03	Horizontal Actuator Oil - Discard MRB Ref: 27-40-00-08	122332	10A
21-22-03	Ram Air Check Valve - Detailed Inspection MRB Ref: 21-52-00-03	212202	10A

Table 8: 10A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
21-33-05	Baggage Compartment Ventilation Check Valve - Detailed Inspection MRB Ref: 21-52-00-04	213314	10A
21-61-07	Zone Trim Air Check Valve - Detailed Inspection MRB Ref: 21-60-00-01	216111 216112	10A
27-11-09	Aileron Control Override Pushrod Bungee Torque - Functional Check MRB Ref: 27-10-00-04	271126	10A
27-11-15	Aileron Trim Centering Bungee - General Visual Inspection MRB Ref: 27-10-00-02	271127	10A
27-20-00	Rudder Control Linkages and Dampers - General Visual Inspection MRB Ref: 27-20-00-01	272008	10A
27-20-00	Rudder Control Module Primary Stops - General Visual Inspection MRB Ref: 27-20-00-02	272009	10A
27-30-00	Elevator Control System - General Visual Inspection MRB Ref: 27-30-00-02	273012	10A
27-31-03	Elevator Control Override Pushrod - Functional Check MRB Ref: 27-30-00-01	273124	10A
27-40-00	Horizontal Stabilizer Trim Actuator - Detailed Inspection MRB Ref: 27-40-00-02	274006	10A

Table 9: 20A Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
21-61-07	Air Supply Check Valve - Detailed Inspection MRB Ref: 21-52-00-02	216113 216114	20A
27-10-00	Aileron Electrical Rig - Functional Check MRB Ref: 27-13-00-02	271000 271001	20A
27-20-00	Rudder Electrical Rig - Functional Check MRB Ref: 27-23-00-01	272003	20A
27-30-00	Elevator Electrical Rig - Functional Check MRB Ref: 27-33-00-01	273004 273005	20A

Table 10: 1C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-25-00	External Baggage Door - Lubrication MRB Ref: 52-30-00-01	122500	1C

Table 10: 1C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
23-72-00	Cockpit Voice Recorder System - Operational Check MRB Ref: 23-72-00-04	237202	1C
24-12-01	IDG Oil Cooler and Lines - General Visual Inspection MRB Ref: 24-20-00-06	241212 241213	1C
24-34-01	Main Battery - Capacity Check MRB Ref: 24-20-00-04 **NOTE:** Accomplish within 12 months from publication date of Revision 4 (see Table 32), not to exceed 2C since last accomplishment and every 1C thereafter.	243404 243405	Note
24-35-00	Emergency Battery Power System - Operational Check MRB Ref: 24-20-00-05	243500 243501	1C
24-36-01	Electrical Backup Hydraulic Actuator NiCad Battery - Capacity Check MRB Ref: 24-20-00-14 ~~MRIP~~	243607	1C
24-39-01	Uninterruptible Power Supply Sealed Lead Acid Battery - Capacity Check MRB Ref: 24-20-00-12	243903	1C
25-60-01	Flashlight - Operational Check MRB Ref: 25-60-00-06	256007 256014 256015	1C
25-61-01	Life Vest(s) - Detailed Inspection MRB Ref: 25-60-00-01	256181	1C
25-61-03	Life Raft(s) - Detailed Inspection MRB Ref: 25-60-00-03	256147 256148 256149 256150	1C
25-62-01	Smoke Hood Tamper-evident Seals - Detailed Inspection MRB Ref: 35-10-00-07	256262 256272 256273	1C
25-63-03	Emergency Locator Transmitter - Operational Check (FAR 91.207) MRB Ref: 25-60-00-08	256309	1C
25-64-01	First Aid Kit(s) - Detailed Inspection MRB Ref: 25-60-00-10	256404 256405	1C
25-64-01	Medical Kit(s) - Detailed Inspection MRB Ref: 25-60-00-10	256412 256413	1C
25-64-03	Defibrillator - Detailed Inspection MRB Ref: 25-60-00-18	256418	1C

Table 10: 1C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
25-66-01	Fire / Crash Axe - Detailed Inspection MRB Ref: 25-60-00-07	256611	1C
26-24-01	Portable Halon Fire Extinguisher - Detailed Inspection MRB Ref: 26-24-00-01	262402 262408 262414 262420 262426 262432 262438 262444	1C
26-24-01	Portable Halon Fire Extinguisher - Weight Check MRB Ref: 26-24-00-02	262403 262409 262415 262421 262427 262433 262439 262445	1C
26-24-03	Portable Water Fire Extinguisher - Detailed Inspection MRB Ref: 26-24-00-04	262450	1C
26-25-01	Trash Receptacle Enclosure - Detailed Inspection MRB Ref: 26-25-00-01	262500	1C
26-25-01	Trash Receptacle Fire Extinguisher Nozzles - Detailed Inspection MRB Ref: 26-25-00-02 **NOTE:** If installed. Accomplish within 12 months from publication date of Revision 4 (see Table 32) and every 1C thereafter.	262507 262508 262509 262510	Note
32-00-00	Nose and Main Landing Gear and Doors - General Visual Inspection MRB Ref: 32-10-00-02 MRB Ref: 32-20-00-02	320002	1C
33-42-03	Anticollision Beacon Light - Operational Check MRB Ref: 33-40-00-01	334202	1C
33-42-05	Navigation Lights - Operational Check MRB Ref: 33-40-00-01	334211	1C
35-30-00	Portable Oxygen Bottle / Regulator and Mask Assembly - Detailed Inspection MRB Ref: 35-30-00-03 MRB Ref: 35-30-00-05	353000 353001 353006	1C
38-10-00	Potable Water System - Cleaning / Sanitizing MRB Ref: 38-10-00-05	381002 381003	1C

Table 10: 1C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
38-31-01	Vacuum Toilet System - Cleaning MRB Ref: 38-31-00-01	383104 383105	1C
52-51-00	Auxiliary Pressure Bulkhead Door Seal - Detailed Inspection MRB Ref: 52-50-00-01	525102	1C

Table 11: 2C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-23-03	Outboard Spoiler Actuator Toggle Link - Lubrication MRB Ref: 27-63-00-04	122330 122331	2C
12-23-03	Aileron Hinge Fitting - Lubrication MRIP	122333 122334	2C
12-23-03	Rudder Hinge Fitting - Lubrication MRIP	122335	2C
12-23-03	Elevator Hinge Fitting - Lubrication MRIP	122336 122337	2C
12-26-00	Ram Air Turbine - Lubrication MRB Ref: 24-20-00-09	122600	2C
24-23-00	Ram Air Turbine - General Visual Inspection MRB Ref: 24-20-00-11	242312	2C
24-35-01	Emergency Battery - Battery Level Test / Built-in Test Equipment - Operational Check MRB Ref: 24-20-00-07	243502 243503	2C
25-11-00	Crew Seat Restraints - Detailed Inspection MRB Ref: 25-17-00-02	251114 251115 251116	2C
25-11-00	Crew Seat Inertia Reels - Operational Check MRB Ref: 25-17-00-03	251117 251118 251119	2C
25-21-00	Passenger Seats Restraints - Detailed Inspection MRB Ref: 25-21-00-02	252101	2C
25-21-00	Passenger Seats Inertia Reels - Operational Check MRB Ref: 25-21-00-03	252102	2C
26-21-00	Engine and APU Fire Extinguishing Firing Circuitry Integrity - Operational Check MRB Ref: 26-21-00-04	262150 262151 262152	2C
26-21-03	Engine Fire Bottle Pressure Switch - Operational Check MRB Ref: 26-21-00-01	262108 262109	2C

Table 11: 2C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
28-16-00	Heated Fuel Return System Valve - Operational Check MRB Ref: 26-21-00-08 MRB Ref: 28-20-00-04	281602	2C
28-26-09	Engine Fuel Shut-off Valve - Operational Check MRB Ref: 26-21-00-06 MRB Ref: 28-20-00-02	282633 282634	2C
28-26-11	APU Fuel Shut-off Valve - Operational Check MRB Ref: 28-20-00-03	282632	2C
29-15-00	Hydraulic System Shut-off Valves - Operational Check MRB Ref: 26-21-00-07 MRB Ref: 29-10-00-01	291524	2C
29-17-01	Hydraulic System Accumulator Precharge - Detailed Inspection MRB Ref: 29-10-00-02	291708 291709 291710 291711	2C
31-31-00	FDR - Functional Check MRB Ref: 31-31-00-01	313104	2C
31-31-00	FDR Fail Message - Operational Check MRB Ref: 31-31-00-02	313105	2C
32-10-00	Main Landing Gear Corrosion Inhibiting Compound Reapplication MRB Ref: 32.00.02 / 02	321052 321053	2C
32-20-00	Nose Landing Gear Corrosion Inhibiting Compound Reapplication MRB Ref: 32.00.01 / 02	322005	2C
32-39-00	Landing Gear Emergency Extension System - General Visual Inspection MRB Ref: 32-39-00-02	323917	2C
32-49-00	Tire Pressure Monitor System - Functional Check MRB Ref: 32-41-00-04	324701	2C
33-50-00	Exterior Emergency Lighting - Operational Check MRB Ref: 33-50-00-01	335000	2C
33-51-00	Cabin Emergency Lighting - Operational Check MRB Ref: 33-50-00-01	335100	2C
49-13-00	APU Turbine Plenum Drain - Operational Check MRB Ref: 49-17-00-01	491300	2C
49-13-00	APU Compartment Drains - General Visual Inspection MRB Ref: 49-17-00-02	491302	2C

Table 11: 2C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
52-10-00	Main Entrance Door Cockpit Overhead Panel Safety Switch - Operational Check MRB Ref: 52-11-00-01	521004	2C
52-10-00	Main Entrance Door Opening With Emergency Battery Power - Operational Check MRB Ref: 52-11-00-08	521005	2C
52-10-00	Main Entrance Door Viewport - Operational Check MRB Ref: 56-42-00-01	521003	2C
53-00-00	External Lower Fuselage FS 100 - FS 886 - Zonal Inspection MRB Ref: 53-100-01 MRB Ref: 53.11.02 / 01 MRB Ref: 53.11.02 / 03 MRB Ref: 53.11.04 / 01 MRB Ref: ~~53.90.01 / 01~~ MRB Ref: ~~53.90.03 / 01~~ MRB Ref: ~~53.90.04 / 01~~	530004	2C
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 223 - FS 243 - Zonal Inspection MRB Ref: 27-10-00-03 MRB Ref: 27-10-00-05 MRB Ref: 27-30-00-03 MRB Ref: 53-100-05	531015	2C
53-10-00	Cockpit Below Floor Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-02	531021	2C
53-10-10	Radome to Structure Perimeter Steps - Detailed Inspection MRIP **NOTE:** Aircraft having RVSM.	531036	2C
53-13-00	Splice Installations Below Floor Left Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 01	531304	2C
53-50-00	APU Interior and Exterior Enclosure - Zonal Inspection MRB Ref: 24-20-00-02 MRB Ref: 53-300-03	535001	2C

Table 11: 2C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-50-00	Aft Fuselage Above Floor FS 886 - FS 1083.46 - Zonal Inspection MRB Ref: 29-20-00-01 MRB Ref: 29-20-00-02 MRB Ref: 49-16-00-01 MRB Ref: 49-16-00-02 MRB Ref: 53-300-05 MRB Ref: 53.41.03 / 03 MRB Ref: 53.51.00 / 03	535003	2C
53-91-00	Forward WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-06	539104	2C
53-93-00	Lower Mid WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-12	539303	2C
53-95-00	Aft WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-10	539503	2C
56-40-00	Primary and Auxiliary Pressure Bulkhead Viewport - Operational Check MRB Ref: 56-10-00-01	564000	2C
57-00-00	Wing (Lower Surface External) From WTBFs to Winglets - Zonal Inspection MRB Ref: 57.10.00 / 06 MRB Ref: 57-500-05 MRB Ref: 57-600-05	570009 570010	2C
57-00-00	Wing (External) Flaps, Spoilers and Ailerons - Zonal Inspection MRB Ref: 57-500-09 MRB Ref: 57.55.00 / 02 MRB Ref: 57-600-09 MRB Ref: 57.60.00 / 02	570011 570012	2C
57-12-00	Wing Rear Spar / Flap / Spoiler - Zonal Inspection MRB Ref: 57.10.00 / 11 MRB Ref: 57-500-10 MRB Ref: 57-600-10	571206 571207	2C
57-12-00	Wing Rear Beam Wiring Harness Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-03 MRB Ref: 57-600-EZIP-03	571200 571201	2C
57-12-00	Wing Drain Holes - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-04 MRB Ref: 57-600-EZIP-04	571202 571203	2C

Table 11: 2C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
57-12-00	Wing Rear Beam RBS 135.66 - RBS 441 HIRF/L - Detailed Inspection MRB Ref: 57-500-HIRF-02 MRB Ref: 57-600-HIRF-02	571208 571209	2C
57-40-00	Wing Leading Edge and Gap Bands (External) - Zonal Inspection MRB Ref: ~~57.40.00 / 01~~ MRB Ref: 57-500-01 MRB Ref: 57-600-01	574026 574027	2C
57-53-00	Flap Upper Surface - Detailed Inspection MRIP	575301 575302	2C

Table 12: 3C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
25-62-03	Observer Smoke Goggles / Detachable Facepiece - Detailed Inspection MRB Ref: 35-10-00-09	256271	3C
31-54-00	Aircraft Configuration Message - Operational Check MRB Ref: 31-61-00-02	315400	3C
35-11-01	Crew Oxygen Mask / Regulator and Stowage Box - Detailed Inspection MRB Ref: 35-10-00-04	351112 351113 351114	3C
35-21-03	Passenger Oxygen Drop-down Mask Assemblies - Detailed Inspection MRB Ref: 35-20-00-06	352100	3C
35-24-00	Passenger Oxygen System (Auto Mode) - Functional Check MRB Ref: 35-20-00-04	352404	3C
35-24-00	Passenger Oxygen System (Manual Mode) - Operational Check MRB Ref: 35-20-00-05	352403	3C
35-26-00	Therapeutic Oxygen System - Functional Check MRB Ref: 35-20-00-08	352604	3C
35-26-01	Therapeutic Oxygen Mask - Detailed Inspection MRB Ref: 35-20-00-09	352605	3C
35-30-00	Portable Oxygen System - Operational Check MRB Ref: 35-30-00-01	353002	3C
52-52-00	Acoustic Door Automatic Opening - Operational Check MRB Ref: 52-50-00-02	525200	3C

Table 13: 4C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-10-01	Nose Landing Gear Shock Absorber - Servicing MRB Ref: 32-20-00-04	122210	4C
12-10-03	Main Landing Gear Shock Absorber - Servicing MRB Ref: 32-10-00-05	122209	4C
23-61-01	Static Discharging - Functional Check MRB Ref: 23-60-00-01	236130 236131 236132 236133 236134 236135	4C
25-11-00	Crew Seats Locking Mechanism and Seat Tracks - Detailed Inspection MRB Ref: ~~25.11.00 / 01~~ MRB Ref: 25-17-00-01	251111 251112 251113	4C
25-21-00	Passenger Seats Attachments and Locking - Detailed Inspection MRB Ref: 25-21-00-01	252100	4C
25-66-00	Ditching Line - Detailed Inspection MRB Ref: 25-60-00-05	256608	4C
27-10-00	Aileron Attachment - Detailed Inspection MRB Ref: 27-13-00-03	271007 271008	4C
27-20-00	Rudder Attachment - Detailed Inspection MRB Ref: 27-23-00-03	272010	4C
27-30-00	Elevator Attachment - Detailed Inspection MRB Ref: 27-33-00-03	273010 273011	4C
27-50-00	Flap Drive System - General Visual Inspection MRB Ref: 27-50-00-03	275000	4C
27-51-03	Flap Track and Roller - General Visual Inspection MRB Ref: 27-50-00-04	275108	4C
27-60-00	Spoiler Attachment - Detailed Inspection MRB Ref: 27-63-00-01	276003	4C
32-10-00	Main Landing Gear and Components - Detailed Inspection MRB Ref: 32.00.02 / 01 MRB Ref: 32-10-00-04	321050 321051	4C
32-20-00	Nose Landing Gear Components - Detailed Inspection MRB Ref: 32-20-00-03 MRB Ref: 32.00.01 / 01	322004	4C
38-14-01	Water Tank - General Visual Inspection MRB Ref: 38-10-00-01	381424	4C

Table 13: 4C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
52-10-00	Main Entrance Door (Internal) - Zonal Inspection MRB Ref: 52-11-00-03 MRB Ref: 52-11-00-05 MRB Ref: 52-11-00-07 MRB Ref: 52-11-00-09 MRB Ref: 52-11-00-10 MRB Ref: 52-800-02	521001	4C
52-20-00	Emergency Exit Doors - Functional Check MRB Ref: 52-20-00-01 MRB Ref: 52-20-00-03	522000	4C
52-20-00	Emergency Exit Door Seals - Detailed Inspection MRB Ref: 52-20-00-02	522001	4C
52-34-01	Baggage Door Seal FS 824.5 - FS 867 - Detailed Inspection MRB Ref: 52-30-00-02	523400	4C
52-72-00	Auxiliary Pressure Bulkhead Door Warning Indication - Operational Check MRB Ref: 52-70-00-01	527103	4C
53-00-00	Lower Forward Cabin and Midcabin Sections FS 245.5 - FS 511.5 - Zonal Inspection MRB Ref: 52-11-00-02 MRB Ref: 53-100-07 MRB Ref: 53.21.05 / 01	530006	4C
53-00-00	Aft Midcabin Fuselage Below Floor Level FS 739 - FS 886 - Zonal Inspection MRB Ref: 53-100-12 MRB Ref: 53.45.00 / 03 MRB Ref: 53.45.00 / 04 MRB Ref: 53.45.00 / 07 MRB Ref: 53.45.00 / 08	530007	4C
53-00-00	Lower Forward Cabin and Midcabin Sections FS 245.5 - FS 511.5 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-03	530011	4C
53-00-00	Lower Forward Cabin and Midcabin Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-04	530012	4C
53-00-00	Aft Midcabin Fuselage Below Floor Level FS 739 - FS 886 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-11	530013	4C
53-26-00	LEER FS 246 - FS 270 - Zonal Inspection MRB Ref: 53-200-05	532600	4C

Table 13: 4C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-26-00	REER FS 251.5 - FS 285 - Zonal Inspection MRB Ref: 53-200-06 MRB Ref: 53-200-HIRF-05	532602	4C
53-26-00	LEER FS 246 - FS 270 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-04	532601	4C
53-26-00	LEER Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-05	532604	4C
53-26-00	REER FS 251.5 - FS 285 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-06	532603	4C
53-26-00	REER Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-07	532605	4C
53-40-00	Baggage Compartment Below Floor HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-04 MRIP	534001	4C
53-46-00	APU Enclosure FS 886 - FS 951.31 - General Visual Inspection MRB Ref: 53.46.00 / 01	534600	4C
53-50-00	APU and Aft Fuselage Below Floor - Zonal Inspection MRB Ref: 53-300-02 MRB Ref: 53.41.04 / 02	535000	4C
~~53-90-00~~	~~WTBF and Ram Air Turbine Support Structure and Attachments - General Visual Inspection~~ ~~MRB Ref: 53.90.05 / 01~~	~~539002~~	~~4C~~
~~53-91-00~~	~~Forward WTBF Interior Surface - General Visual Inspection~~ ~~MRB Ref: 53.90.01 / 03~~	~~539100~~	~~4C~~
~~53-93-00~~	~~Lower Mid WTBF Interior Surface - General Visual Inspection~~ ~~MRB Ref: 53.90.03 / 03~~	~~539300~~	~~4C~~
~~53-95-00~~	~~Aft WTBF Interior Surfaces - General Visual Inspection~~ ~~MRB Ref: 53.90.04 / 03~~	~~539500~~	~~4C~~
54-50-00	Pylons (Internal) - Zonal Inspection MRB Ref: 54-400-02 MRB Ref: ~~54.50.00 / 01~~ MRB Ref: ~~54.50.01 / 01~~	545001	4C
~~54-50-00~~	~~Pylon Panels (External) - General Visual Inspection~~ ~~MRB Ref: 54.50.01 / 02~~	~~545002~~ ~~545003~~	~~4C~~

Table 13: 4C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
54-50-00	IDG Feeder Cables and Wiring Installations - Enhanced Zonal Inspection MRB Ref: 54-400-EZIP-01	545004	4C
55-10-00	Horizontal Stabilizer Assembly (External) - General Visual Inspection MRB Ref: 55.10.00 / 04	551002 551003	4C
55-20-00	Elevator (External) - Detailed Inspection MRB Ref: 55.20.00 / 03	552008 552009	4C
55-30-00	Vertical Stabilizer (External) - General Visual Inspection MRB Ref: 55.30.00 / 01	553006	4C
55-40-00	Rudder (External) - Detailed Inspection MRB Ref: 55.40.00 / 02	554002	4C
57-10-00	Wing Tank (Internal) BL 0 - RBS 135 - Detailed Inspection MRB Ref: 57.10.00 / 08 MRIP	571027 571028	4C
57-12-00	Wing Rear Beam Spar and Aileron - Zonal Inspection MRB Ref: 57-500-07 MRB Ref: 57-600-07	571204 571205	4C

Table 14: 5C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
26-25-01	Trash Receptacle Fire Extinguishing Bottle - Weight Check MRB Ref: 26-25-00-03	262520 262502 262504 262506	5C
52-15-01	Main Entrance Door Inner and Outer Seal - General Visual Inspection MRB Ref: 52-11-00-06	521500	5C

Table 15: 6C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
23-72-07	Cockpit Voice Recorder Impact Switch - Operational Check MRB Ref: 23-72-00-01 **NOTE:** At CVR ULB Battery Discard.	237213	Note
23-72-11	Cockpit Voice Recorder Underwater Locator Beacon - Operational Check MRB Ref: 23-72-00-02 **NOTE:** At CVR ULB Battery Discard.	237216	Note

Table 15: 6C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
31-31-05	FDR Underwater Locator Beacon - Operational Check MRB Ref: 31-31-00-03 **NOTE:** At FDR ULB Battery Discard.	313113	Note
31-31-07	FDR Impact Switch - Operational Check MRB Ref: 31-31-00-05 **NOTE:** At FDR ULB Battery Discard.	313108	Note
52-00-00	Fuselage Doors (External) - Zonal Inspection MRB Ref: 52.20.00 / 01 MRB Ref: 52.30.00 / 01 MRB Ref: 52-800-01	520001	6C
53-00-00	External Upper Fuselage (Viewed From Platform) FS 148.5 - FS 886 - Zonal inspection MRB Ref: ~~53.02.00 / 03~~ MRB Ref: 53.11.01 / 01 MRB Ref: 53.11.01 / 03 MRB Ref: 53.11.03 / 01 MRB Ref: 53.17.00 / 01 MRB Ref: 53-200-01 MRB Ref: 53.21.01 / 01 MRB Ref: 53.21.04 / 01 MRB Ref: 53.31.00 / 01 MRB Ref: 53.31.01 / 01 MRB Ref: 53.41.01 / 01	530008	6C
53-00-00	External Aft Fuselage and Empennage FS 886 - FS 1199.475 - Zonal Inspection MRB Ref: 53-300-01 MRB Ref: 53.41.03 / 01 MRB Ref: 53.41.04 / 01 MRB Ref: 53.51.00 / 01 MRB Ref: 53.51.01 / 01 MRB Ref: 53.51.02 / 01 MRB Ref: 55.00.01 / 01	530010	6C
53-00-00	Vestibule and Forward Cabin Below Floor HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-03	530014	6C
53-02-03	Antenna Interface - Detailed Inspection MRB Ref: 53.21.06 / 01	530001	6C
~~53-10-00~~	~~Forward Fuselage Enhanced Vision System II Window - Detailed Inspection~~ ~~MRB Ref: 53.02.00 / 05~~	~~531005~~	~~6C~~
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 223 - FS 243 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-01	531016	6C

Table 15: 6C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-10-00	LEER HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-03	531022	6C
53-10-00	REER HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-04	531023	6C
53-40-00	Baggage Compartment Above Floor HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-06	534002	6C
53-40-00	Baggage Compartment Above Floor HIRF/L - General Visual Inspection MRB Ref: 53-200-HIRF-07	534003	6C
53-48-00	Baggage Compartment Forward Electronic Equipment Rack Internal - Zonal Inspection MRB Ref: 53-200-07 MRB Ref: 53-200-HIRF-09	534800	6C
53-48-00	Baggage Compartment Aft Electronic Equipment Rack Internal - Zonal Inspection MRB Ref: 53-200-08	534802	6C
53-48-00	Baggage Compartment Forward Electronic Equipment Rack Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-08	534801	6C
53-48-00	Baggage Compartment Aft Electronic Equipment Rack Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-09	534803	6C
57-00-00	Wing (Upper Surface External) From WTBFs to Winglets - Zonal Inspection MRB Ref: 57.10.00 / 05 MRB Ref: 57-500-04 MRB Ref: 57-600-04	570007 570008	6C
57-16-05	Wing to Fuselage, Floor Support and WTBF Fittings - Detailed Inspection MRB Ref: 57.10.00 / 10	571600 571601	6C
57-32-00	Winglet Exterior Surfaces - Zonal Inspection MRB Ref: ~~57.30.00 / 01~~ MRB Ref: 57-500-11 MRB Ref: 57-600-11	573206 573207	6C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
26-12-01	Pylon Thermal Switch - Operational Check MRB Ref: 26-14-00-01	261202 261203	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
26-14-01	Baggage Compartment Below Floor Overheat Thermal Switch - Operational Check MRB Ref: 26-14-00-02	261451	8C
26-14-01	Aft Equipment Overheat Thermal Switches - Operational Check MRB Ref: 26-14-00-03	261452	8C
26-14-01	Equipment Overheat Thermal Switch - Operational Check MRB Ref: 26-14-00-04	261446 261447 261448 261449 261450	8C
27-11-03	Cockpit Flight Control Cable - Detailed Inspection MRB Ref: 27-10-00-01	271128	8C
28-16-01	Pylon Heated Fuel Return System (HFRS) Shut-off Valve Fire Shield - General Visual Inspection MRB Ref: 28-16-00-02	281615 281616	8C
28-26-00	Dual Wall Fuel Line Shrouds - Functional Check MRB Ref: 28-16-00-01 MRB Ref: 28-20-00-05 MRB Ref: 28-20-00-06	282642 282643 282644 282645 282646	8C
30-11-09	Wing Anti-ice Temperature Switch - Temperature Trip Point Functional Check MRB Ref: 30-11-00-01 MRB Ref: 30-11-00-02 MRIP	301137	8C
32-44-03	Brake Pedal Position Transducer - General Visual Inspection MRB Ref: 32-44-00-01	324431	8C
52-10-00	Main Entrance Door FS 273 - FS 309 - Detailed Inspection MRB Ref: 52.11.01 / 01	521002	8C
52-11-01	Main Entrance Door Fuselage Surround and Support Structure - General Visual Inspection MRB Ref: 52.11.03 / 01	521100	8C
53-00-00	Tail Compartment HIRF/L - Detailed Inspection MRB Ref: 53-300-HIRF-01	530015	8C
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 189.375 - FS 223 - Zonal Inspection MRB Ref: 53-100-04	531014	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-10-00	Left and Right Cockpit Interior Floor Up To Window Level - Zonal Inspection MRB Ref: 53.13.02 / 01 MRB Ref: 53-200-03 MRB Ref: 53-200-HIRF-02	531012	8C
53-10-00	Cockpit Below Floor FS 189.375 - FS 223 HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-01	531018	8C
53-10-00	Cockpit Below Floor FS 223 - FS 243 HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-02	531019	8C
53-10-00	Cockpit Above Floor HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-01	531017	8C
53-11-00	Vestibule Internal Below Floor FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.11.04 / 02 MRB Ref: 53.11.04 / 03 MRB Ref: 53.11.04 / 04 MRB Ref: 53.11.04 / 05 MRB Ref: 53.11.04 / 06	531101	8C
53-12-00	Bulkhead Installation FS 148.5 - General Visual Inspection MRB Ref: 53.12.00 / 01	531205	8C
53-13-00	Splice Installations Below Floor (Wet Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 03	531306	8C
53-15-00	Floor Beams and Tracks Right Side Above Floor (Wet Areas) FS 245.5 - FS 324.5 - General Visual Inspection MRB Ref: 53.16.00 / 02	531501	8C
53-15-00	Floor Structure (Wet Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 05	531504	8C
53-16-00	Cockpit Interior Above Floor FS 167 - FS 245.5 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-01	531601	8C
53-16-00	Cockpit Interior Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-02	531602	8C
53-21-00	Wing Link Fittings Interior to Wing to Body Fairing FS 470 - FS 511.5 - Detailed Inspection MRB Ref: 53.21.02 / 04	532103	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-21-00	Waste Penetration Installation Interior to Wing to Body Fairing FS 470 - Detailed Inspection MRB Ref: 53.21.02 / 05	532104	8C
53-21-00	Forward Midcabin Below Floor (Dry Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.02 / 06 MRB Ref: 53.21.02 / 07 MRB Ref: 53.21.02 / 08	532105	8C
53-21-00	Galley / Lavatory Below Floor (Wet Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.03 / 01 MRB Ref: 53.21.03 / 02 MRB Ref: 53.21.03 / 03 MRB Ref: 53.21.03 / 04	532100	8C
53-23-00	Left and Right Stringer 19 and Midbay Skin Splices Below Floor (Dry Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 03 MRB Ref: 53.23.00 / 04	532302	8C
53-23-00	Skin Splices Below Floor Galley / Lavatories (Wet Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 05 MRB Ref: 53.23.00 / 06	532303	8C
53-25-00	Floor Beams and Tracks Above Floor (Wet Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.02 / 02	532501	8C
53-25-00	Cabin Below Floor Seat Track Beams and Support Structure (Wet Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.03 / 02	532503	8C
53-32-00	Bulkhead Aft Face Internal to WTBF FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 03	533204	8C
53-33-00	Splice Installations Below Floor FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.33.00 / 04 MRB Ref: 53.33.00 / 05	533301	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-34-00	Wing to Fuselage Attachment Links - Detailed Inspection MRB Ref: 53.34.01 / 01 MRB Ref: 53.34.01 / 02 MRB Ref: 53.34.01 / 03 MRB Ref: 53.34.01 / 04 MRB Ref: 53.34.01 / 05 MRB Ref: 53.34.01 / 06 MRB Ref: 53.34.01 / 07	533400	8C
53-34-00	Wing to Fuselage Drag Links FS 529 - FS 581.5 - Detailed Inspection MRB Ref: 53.38.00 / 02 MRB Ref: 53.38.00 / 03	533800	8C
53-35-00	Pressure Floor Structure at Wheel Wells Below Floor FS 511.5 - FS 669 - Detailed Inspection MRB Ref: 53.35.00 / 07	533503	8C
53-40-00	Baggage Compartment Wiring Installation FS 805.5 - FS 886 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-03	534000	8C
53-40-00	Baggage Compartment Forward Electronic Equipment Rack HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-08	534004	8C
53-41-00	Aft Mid Internal Structure Below Floor (Wet Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.02 / 03 MRB Ref: 53.41.02 / 05	534102	8C
53-41-00	Aft Mid Internal Structure Below Floor (Dry Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.02 / 04	534103	8C
53-41-00	Aft Mid Splice Installations FS 886 - FS 951.31 - Detailed Inspection MRB Ref: 53.43.00 / 02	534105	8C
53-41-00	Aft Mid Splice Installations Below Floor (Dry Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 03	534106	8C
53-41-00	Aft Mid Splice Installations Below Floor (Wet Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 04	534107	8C
53-42-00	Baggage Door Support External Structure - General Visual Inspection MRB Ref: 53.41.05 / 01	534208	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-42-00	Baggage Door Support Internal Structure - Detailed Inspection MRB Ref: 53.41.05 / 02	534203	8C
53-42-00	Aft Engine Mount Frame Installation Above Floor FS 951.31 - Detailed Inspection MRB Ref: 53.42.00 / 01	534200	8C
53-48-00	Water Supply Cabinet Internal - Zonal Inspection MRB Ref: 53-200-09	534804	8C
53-51-00	Tail Compartment Stringers 6 and 20 Splices FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.53.00 / 01	535102	8C
~~53-90-00~~	~~Wing to Body Fairing External - Detailed Inspection~~ ~~MRB Ref: 53.90.01 / 02~~ ~~MRB Ref: 53.90.02 / 01~~ ~~MRB Ref: 53.90.03 / 02~~ ~~MRB Ref: 53.90.04 / 02~~	~~539000~~	~~8C~~
~~53-90-00~~	~~Wing to Body Fairing Internal - Detailed Inspection~~ ~~MRB Ref: 53.90.01 / 04~~ ~~MRB Ref: 53.90.02 / 02~~ ~~MRB Ref: 53.90.03 / 04~~ ~~MRB Ref: 53.90.04 / 04~~	~~539001~~	~~8C~~
~~53-90-00~~	~~WTBF and Ram Air Turbine Support Structure and Attachments - Detailed Inspection~~ ~~MRB Ref: 53.90.05 / 02~~	~~539003~~	~~8C~~
53-91-00	Forward WTBF Internal - Zonal Inspection MRB Ref: 53-100-08 MRB Ref: 53.21.02 / 01 MRB Ref: 53.21.02 / 02 MRB Ref: 53.21.02 / 03	539102	8C
53-91-00	Ram Air Turbine Enclosure Internal - Zonal Inspection MRB Ref: 53-100-13	539101	8C
53-91-00	Forward WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-05	539103	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-93-00	Mid WTBF Internal - Zonal Inspection MRB Ref: 53-100-09 MRB Ref: 53-100-14 MRB Ref: 53.21.02 / 01 MRB Ref: 53.21.02 / 02 MRB Ref: 53.21.05 / 02 MRB Ref: 53.31.00 / 02 MRB Ref: 53.35.00 / 03 MRB Ref: 53.35.00 / 04 MRB Ref: 57.10.00 / 05 MRB Ref: 57.10.00 / 06	539301	8C
53-93-00	Mid WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-07	539302	8C
53-95-00	Aft WTBF Internal - Zonal Inspection MRB Ref: 53-100-11 MRB Ref: 53.41.02 / 01 MRB Ref: 53.41.02 / 02 MRB Ref: 53.41.02 / 06	539501	8C
53-95-00	Aft WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-09	539502	8C
54-50-00	Pylons (External) - Zonal Inspection MRB Ref: 54-400-01	545000	8C
55-10-00	Horizontal Stabilizer Assembly (External) - Detailed Inspection MRB Ref: 55.10.00 / 05	551004 551005	8C
55-10-00	Horizontal Stabilizer Rear Beam - Detailed Inspection MRB Ref: 55.10.00 / 07	551008 551009	8C
55-10-00	Horizontal Stabilizer Assembly (Internal) - Zonal Inspection MRB Ref: 55-300-05	551017 551018	8C
55-10-00	Horizontal Stabilizer HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-03	551012 551013	8C
55-10-00	Horizontal Stabilizer Rear Beam HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-04	551014 551015	8C
55-14-00	Horizontal Stabilizer Trailing Edge - Zonal Inspection MRB Ref: 55-300-06	551403 551404	8C
55-23-00	Elevator Hinge - Detailed Inspection MRB Ref: 55.20.00 / 01	552300 552301	8C
55-30-00	Vertical Stabilizer Interior of Fin Cap / Rear Bullet Fairings - Zonal Inspection MRB Ref: 55-300-02	553003	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
55-30-00	Vertical Stabilizer Rear Spar Aft Face - Zonal Inspection MRB Ref: 55-300-04	553005	8C
55-30-00	Vertical Stabilizer HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-01	553008	8C
55-30-00	Vertical Stabilizer Rear Beam HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-02	553009	8C
55-32-00	Vertical Stabilizer Box Section Internal Structure - Zonal Inspection MRB Ref: 55-300-03	553200	8C
55-32-00	Vertical Stabilizer Box Section (Internal) Flight Controls - Enhanced Zonal Inspection MRB Ref: 55-300-EZIP-01	553201	8C
55-35-00	Vertical Stabilizer Pivot Lugs and Interface - Detailed Inspection MRB Ref: 55.30.00 / 04	553500	8C
55-40-00	Rudder Assembly Hinge Brackets and Swivel Links - Detailed Inspection MRB Ref: 55.40.00 / 01	554001	8C
56-21-01	Cabin Windows - Detailed Inspection MRB Ref: 56-10-00-02	562164	8C
57-00-00	Wing (Internal) - Zonal Inspection MRB Ref: 28-20-00-01 MRB Ref: 57-500-06 MRB Ref: 57-600-06	570003 570004	8C
57-00-00	Wing (Internal) Wiring Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-02 MRB Ref: 57-600-EZIP-02	570005 570006	8C
57-10-00	Wing Tank (Internal) RBS 135 - WS 551 - Detailed Inspection MRB Ref: 57.10.00 / 09 MRIP	571029 571030	8C
57-12-00	Wing Rear Beam RBS 441 - RBS 534 HIRF/L - Detailed Inspection MRB Ref: 57-500-HIRF-01 MRB Ref: 57-600-HIRF-01	571210 571211	8C
57-19-00	Wing to Wing Mate (External) Splices and Skegs - Detailed Inspection MRB Ref: 57.10.00 / 07	571900 571901	8C

Table 16: 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
~~57-32-00~~	~~Winglet Skins (Exterior) Surfaces - Detailed Inspection~~ ~~MRB Ref: 57.30.00 / 03~~	~~573210~~ ~~573211~~	~~8C~~
~~57-40-00~~	~~Wing Inboard Leading Edge Fixed Skins and Access Panels - Detailed Inspection~~ ~~MRB Ref: 57.40.00 / 03~~	~~574030~~ ~~574031~~	~~8C~~
57-40-00	Wing Leading Edge With Gap Bands Removed - Zonal Inspection MRB Ref: 57-500-03 MRB Ref: 57-600-03	574024 574025	8C
57-40-00	Wing Leading Edge Wiring Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-01 MRB Ref: 57-600-EZIP-01	574020 574021	8C
57-50-00	Wing Trailing Edge Box (Interior) - Zonal Inspection MRB Ref: 57-500-08 MRB Ref: 57-600-08	575006 575007	8C
57-70-00	Spoiler Panels - Detailed Inspection MRB Ref: 57.70.00 / 02	577002 577003	8C

Table 17: 8C / 4C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-00-06	Exterior Skin Panel Installations (Enclosed by Pylons) FS 838 - FS 1059.625 - Detailed Inspection MRB Ref: 53.41.01 / 02 MRB Ref: 53.41.03 / 02 MRB Ref: 53.51.01 / 02	530003	8C / 4C

Table 18: 10C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
26-03-01	Baggage Compartment Smoke Evacuation System - Operational Check MRB Ref: 26-16-00-01	260302	10C
27-60-00	Spoiler Free Play Backlash - Functional Check MRB Ref: 27-63-00-05	276008 276009 276010 276011 276012 276013	10C
52-13-07	Main Entrance Door Pressure Relief Valve Seal - Detailed Inspection MRB Ref: 52-11-00-04	521302	10C

Table 18: 10C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
52-13-07	Main Entrance Door Pressure Relief Valve - Detailed Inspection MRIP	521304	10C
53-10-10	Radome Assembly - General Visual Inspection MRB Ref: 34-44-00-01	531026	10C
72-34-01	LP Compressor Case Outer Surface - Detailed Inspection MRB Ref: 72-31-00-06	723400	10C

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
27-40-00	Horizontal Stabilizer Trim Actuator Structure - Detailed Inspection MRB Ref: 27.40.00 / 01	274005	12C
52-00-00	Fuselage Doors (Interior) - Zonal Inspection MRB Ref: 52-800-05	520002	12C
52-22-00	Emergency Exit Doors Internal Structure - Detailed Inspection MRB Ref: 52.20.00 / 02	522203	12C
52-22-00	Emergency Exit Doors - Zonal Inspection MRB Ref: 52-800-03	522202	12C
52-30-00	Baggage Compartment Door - Zonal Inspection MRB Ref: 52-800-04	523001	12C
52-31-00	Baggage Door Interior Skin and Structure - Detailed Inspection MRB Ref: 52.30.00 / 02 MRB Ref: 52.30.00 / 03 MRB Ref: 52.30.00 / 04	523111	12C
53-00-00	Cabin Above Floor From Vestibule to Baggage Compartment FS 245.5 - FS 886 - Zonal Inspection MRB Ref: 53.16.00 / 01 MRB Ref: 53-200-04 MRB Ref: 53.35.00 / 01 MRB Ref: 53.35.00 / 02 MRB Ref: 53.35.01 / 03 MRB Ref: 53.35.01 / 04 MRB Ref: 53.45.00 / 01 MRB Ref: 53.45.00 / 02 MRB Ref: 53.45.00 / 05 MRB Ref: 53.45.00 / 06 MRB Ref: 53.45.04 / 01	530009	12C

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-00-00	Radome (Interior) and Equipment Area Behind Radome - Zonal Inspection MRB Ref: 53-100-02 MRB Ref: 53.16.01 / 03	530005	12C
53-00-05	Cabin Fixed Windows Internal - Detailed Inspection MRB Ref: 53.21.04 / 02 MRB Ref: 53.21.04 / 04	530002	12C
~~53-10-00~~	~~Enhanced Vision System II Internal Support Structure FS 157 - FS 167 - Detailed Inspection~~ ~~MRB Ref: 53.02.00 / 01~~ ~~MRB Ref: 53.02.00 / 02~~ ~~MRB Ref: 53.02.00 / 04~~	~~531004~~	~~12C~~
53-10-00	Cockpit Interior Above Headliner FS 167 - FS 245.5 - Zonal Inspection MRB Ref: 53-200-02	531011	12C
53-10-00	Internal Below Pedestal - Zonal Inspection MRB Ref: 53-100-06	531020	12C
53-10-00	Forward Fuselage Below Floor FS 148.5 - FS 245.5 - Detailed Inspection MRB Ref: 53.11.02 / 02 MRB Ref: 53.11.02 / 04 MRB Ref: 53.13.00 / 01 MRB Ref: 53.13.02 / 02	531008	12C
53-13-00	Splice Installations Below Floor (Dry Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 02	531305	12C
53-15-00	Floor Structure Left Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 03	531502	12C
53-15-00	Floor Structure (Dry Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 04	531503	12C
53-17-00	Cockpit Internal Structure Headliner Removed - Detailed Inspection MRB Ref: 53.17.00 / 02	531705	12C
53-17-00	Cockpit Splice and Crossbeam Internal - Detailed Inspection MRB Ref: 53.17.00 / 03 MRB Ref: 53.17.00 / 06	531706	12C
53-17-00	Side Window Rails and Posts Internal - Detailed Inspection MRB Ref: 53.17.00 / 04 **NOTE:** At window removal. Not to exceed 12C.	531707 531708	Note

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-17-00	Windshield Rails and Posts Internal - Detailed Inspection MRB Ref: 53.17.00 / 05 **NOTE:** At window removal. Not to exceed 12C.	531709 531710	Note
53-21-00	Interior Upper Forward Midcabin Panel Installation Headliner Removed FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.01 / 02	532101	12C
53-21-00	Interior Left and Right Forward Midcabin Panel Installations Above Floor FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.01 / 03	532102	12C
53-23-00	Left and Right Stringer 6 and Midbay Skin Splices (Above Floor) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 01 MRB Ref: 53.23.00 / 02	532301	12C
53-25-00	Cabin Below Floor Seat Track Beams and Support Structure (Dry Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.03 / 01 MRB Ref: 53.25.03 / 03	532502	12C
53-31-00	Interior Center Midcabin Side Panel Installation FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.31.00 / 03 MRB Ref: 53.38.00 / 01	533101	12C
53-31-00	Interior Upper Center Midcabin Panel Installation FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.31.00 / 04	533102	12C
53-31-00	Center Midcabin Mainframe Installation FS 529 and FS 686.5 - Detailed Inspection MRB Ref: 53.31.00 / 05 MRB Ref: 53.31.00 / 06	533103	12C
53-31-00	Emergency Exit Door Internal Surround Structures - Detailed Inspection MRB Ref: 53.31.01 / 02	533104	12C
53-32-00	Bulkhead Aft Face Below Floor FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 02	533203	12C
53-35-00	Pressure Floor Structure Forward of Wheel Wells Below Floor FS 669 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 08	533504	12C
53-39-00	Torque Box Interior - Detailed Inspection MRB Ref: 53.34.00 / 01	533900	12C

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-39-00	Torque Box Exterior and Links - Detailed Inspection MRB Ref: 53.34.00 / 02 MRB Ref: 53.34.00 / 04	533901	12C
53-41-00	Interior Aft Mid Side Panel Installations FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.01 / 04	534101	12C
53-41-00	Interior Upper Aft Mid Panel Installation FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.01 / 05	534100	12C
53-41-00	Aft Mid Splice Installations Above Floor FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 01	534104	12C
53-42-00	Aft Mid Frame Installations Above Floor FS 823 and FS 868.5 - Detailed Inspection MRB Ref: 53.41.01 / 03	534202	12C
53-42-00	Aft Engine Mount Frame Installation Below Floor FS 951.31 - Detailed Inspection MRB Ref: 53.42.00 / 02	534201	12C
53-42-01	Secondary Pressure Bulkhead Door FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 01	534204	12C
53-42-01	Secondary Pressure Bulkhead Above Floor FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 02	534205	12C
53-42-01	Secondary Pressure Bulkhead Below Floor FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 03	534206	12C
53-42-03	Primary Pressure Bulkhead - Detailed Inspection MRB Ref: 53.44.01 / 01 MRB Ref: 53.44.01 / 02 MRB Ref: 53.44.01 / 03 MRB Ref: 53.44.01 / 04	534207	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Above Floor (Dry Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.01 / 01	534500	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Above Floor (Wet Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.01 / 02	534501	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Below Floor (Dry Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.02 / 01	534502	12C

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Below Floor (Wet Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.02 / 02	534503	12C
53-47-00	Engine Mount Installation FS 886 - FS 951.31 - Detailed Inspection MRB Ref: 53.47.00 / 01 MRB Ref: 53.47.00 / 02 MRB Ref: 53.47.00 / 03	534700	12C
53-50-00	Aft Fuselage Below Floor FS 951.31 - FS 1071.75 - Zonal Inspection MRB Ref: 53-300-04	535002	12C
53-51-00	Aft Fuselage Above Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.00 / 02	535100	12C
53-51-00	Aft Fuselage Interior Above Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.01 / 03	535103	12C
53-51-00	Aft Fuselage Interior Below Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.02 / 02	535101	12C
55-12-00	Horizontal Stabilizer Center Box and Actuator Attachments - Detailed Inspection MRB Ref: 55.10.00 / 01	551200	12C
55-15-00	Horizontal Stabilizer Elevator Hinge Brackets - Detailed Inspection MRB Ref: 55.10.00 / 02	551500 551501	12C
55-15-00	Horizontal Stabilizer Pivot Fitting - Detailed Inspection MRB Ref: 55.10.00 / 03	551502	12C
55-30-00	Vertical Stabilizer Assembly (Internal) - Detailed Inspection MRB Ref: 55.30.00 / 02	553007	12C
55-35-00	Vertical Stabilizer (Internal) Boomerang Fittings - Detailed Inspection MRB Ref: 55.30.00 / 05 MRB Ref: 55.30.00 / 06	553501	12C
55-40-00	Vertical Stabilizer Rudder Hinges and Support Fittings - Detailed Inspection MRB Ref: 55.30.00 / 03	554000	12C
57-10-00	Wing Aft Spars, Splices and Spar Cans (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 03	571023 571024	12C

Table 19: 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
57-10-00	Wing Aft Spar Splices (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 04	571025 571026	12C
57-50-00	Wing Flight Control Attach Fittings - Detailed Inspection MRB Ref: 57.50.00 / 01	575008 575009	12C
57-50-00	Inboard / Outboard Fixed Trailing Edges and Cove Panels - Detailed Inspection MRB Ref: 57.50.00 / 02	575010 575011	12C
57-53-00	Flap Fittings - Detailed Inspection MRB Ref: 57.55.00 / 01	575307 575308	12C
57-60-00	Aileron Hinge Fittings and Forward Spar - Detailed Inspection MRB Ref: 57.60.00 / 01	576000 576001	12C
57-70-00	Spoiler Hinge Fittings - Detailed Inspection MRB Ref: 57.70.00 / 01	577000 577001	12C

Table 20: 12C / 8C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-35-00	Pressure Floor Structure Below Floor FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.02 / 01 MRB Ref: 53.35.02 / 02 MRB Ref: 53.35.02 / 03 MRB Ref: 53.35.02 / 04	533500	12C / 8C

Table 21: 16C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-00-05	Cabin Fixed Window Frames and Surrounds - Detailed Inspection MRB Ref: 53.21.04 / 03 **NOTE:** At window removal. Not to exceed 16C.	530016	Note
53-10-00	Forward Fuselage Above Floor FS 148.5 - FS 245.5 - Detailed Inspection MRB Ref: 53.11.01 / 02 MRB Ref: 53.11.01 / 04 MRB Ref: 53.13.01 / 01 MRB Ref: 53.16.01 / 01	531007	16C

Table 21: 16C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-11-00	Vestibule Internal Above Floor FS 245.5 - FS 324.5 - Special Detailed Inspection MRB Ref: 53.11.03 / 02 MRB Ref: 53.11.03 / 03 MRB Ref: 53.11.03 / 04 MRB Ref: 53.11.03 / 05	531100	16C
53-12-00	Bulkhead Installation FS 148.5 - Detailed Inspection MRB Ref: 53.12.00 / 03	531200	16C
53-12-00	Bulkhead Installation FS 167 - Detailed Inspection MRB Ref: 53.12.00 / 04 MRB Ref: 53.12.00 / 08	531201	16C
53-12-00	Bulkhead Installation FS 189.375 - Detailed Inspection MRB Ref: 53.12.00 / 05	531202	16C
53-12-00	Bulkhead Installation FS 223 - Detailed Inspection MRB Ref: 53.12.00 / 06	531203	16C
53-12-00	Bulkhead Installation FS 243 - Detailed Inspection MRB Ref: 53.12.00 / 07	531204	16C
53-13-00	Forward Fuselage Splice Installations Above Floor FS 245.5 - FS 324.5 - Special Detailed Inspection MRB Ref: 53.13.03 / 01	531303	16C
53-25-00	Floor Beams and Tracks Above Floor (Dry Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.02 / 01	532500	16C
53-32-00	Interior Bulkhead Forward and Aft Face Above Floor FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 04	533205	16C
53-33-00	Splice Installations Above Floor FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.33.00 / 01 MRB Ref: 53.33.00 / 02 MRB Ref: 53.33.00 / 03	533300	16C
53-35-00	Seat Track Beams Above Floor (Dry Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.01 / 01	533505	16C
53-35-00	Seat Track Beams Above Floor (Wet Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.01 / 02	533506	16C
53-45-00	Baggage Floor Structures Below Floor FS 805.5 - FS 886 - Detailed Inspection MRB Ref: 53.45.05 / 01	534504	16C

Table 21: 16C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-50-00	Aft Fuselage Internal Tail Cone - Zonal Inspection MRB Ref: 53-300-06	535004	16C
55-10-00	Horizontal Stabilizer Front Beam - Detailed Inspection MRB Ref: 55.10.00 / 06	551006 551007	16C
55-20-00	Elevator Hinge Brackets at Interior of Elevator - Detailed Inspection MRB Ref: 55.20.00 / 02	552006 552007	16C
55-20-00	Elevator (Internal) Nonmetal Parts - Detailed Inspection MRB Ref: 55.20.00 / 04	552010 552011	16C
55-31-00	Vertical Stabilizer Interior of Leading Edge - Zonal Inspection MRB Ref: 55.00.01 / 02 MRB Ref: 55-300-01	553100	16C
55-40-00	Rudder Assembly Front Beam (Internal) - Detailed Inspection MRB Ref: 55.40.00 / 03	554003	16C
57-10-00	Wing Forward Spar Splices (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 02	571021 571022	16C
~~57-32-00~~	~~Winglet Inboard Rib and Wing Attaching Structures (Visible Portions) - Detailed Inspection~~ ~~MRB Ref: 57.30.00 / 02~~	~~573208~~ ~~573209~~	~~16C~~
57-32-00	Winglet (Internal) - Zonal Inspection MRB Ref: 57-500-12 MRB Ref: 57-600-12	573204 573205	16C
57-40-00	Wing Leading Edge (Internal) - Zonal Inspection MRB Ref: 57.10.00 / 01 MRB Ref: 57-500-02 MRB Ref: 57-600-02	574022 574023	16C
~~57-40-00~~	~~Leading Edge Structures (Internal) Surfaces - Detailed Inspection~~ ~~MRB Ref: 57.40.00 / 02~~	~~574028~~ ~~574029~~	~~16C~~
71-11-00	Nose Cowl Structure FS 828.3 - FS 860.08 - Zonal Inspection MRB Ref: 71-400-02	711106 711107	16C
71-21-01	Forward Engine Mount - Detailed Inspection MRB Ref: 71.21.00 / 01	712128 712129	16C
71-21-01	Thrust and Alignment Strut Assemblies External - Detailed Inspection MRB Ref: 71.23.01 / 01	712132 712133	16C

Table 21: 16C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
71-21-01	Thrust and Alignment Strut Assemblies Internal - Special Detailed Inspection MRB Ref: 71.23.01 / 02	712134 712135	16C
71-22-00	Aft Engine Mount Strut Assemblies External - Detailed Inspection MRB Ref: 71.22.00 / 01	712226 712227	16C
71-22-00	Aft Engine Mount Strut Assemblies Internal - Special Detailed Inspection MRB Ref: 71.22.00 / 02	712228 712229	16C
71-23-00	Link Assemblies - Detailed Inspection MRB Ref: 71.21.11 / 03 MRB Ref: 71.21.11 / 04	712398 712399	16C

Table 22: 16C / 12C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-35-00	Pressure Floor Structure Panels Above Floor (Dry Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 05	533501	16C / 12C
53-35-00	Pressure Floor Structure Panels Above Floor (Wet Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 06	533502	16C / 12C

Table 23: 20C Check Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
27-53-09	Flap Actuator Force Limiter - Functional Check MRB Ref: 27-50-00-02	275358 275359 275360 275361	20C
72-56-13	Rear Mount Ring - Detailed Inspection MRB Ref: 72-56-00-02	725603	20C
72-56-14	LP Turbine Fuel Shut-off Cable - Special Detailed Inspection MRB Ref: 72-51-00-03 MRB Ref: 72-56-00-01 MRB Ref: 73-12-00-02	725606	20C

Table 24: 4 Month Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
12-22-01	Main Landing Gear - Lubrication MRB Ref: 32-10-00-01 MRB Ref: 32-31-00-02 MRIP	122202	4 months
12-22-02	Nose Landing Gear - Lubrication MRB Ref: 32-20-00-01 MRIP	122204	4 months

Table 25: 24 Month Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
34-13-00	Air Data System - Functional / Leak Test MRB Ref: 34-12-00-01 **NOTE:** In accordance with FAR 91.411(a)(1) or National Aviation Authority. Exempt from allowable windows. See Figure 1.	341300 341301 341302 341303	24 months
34-55-00	ATC - Operational Check MRB Ref: 34-55-00-01 **NOTE:** In accordance with FAR 91.413 or National Aviation Authority. Exempt from allowable windows. See Figure 1.	345512 345513	24 months

Table 26: 10,000 Flight Hour Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
21-21-03	Ozone Converter - Functional Check MRB Ref: 21-52-00-01	212129 212130	10,000 Flight Hours

Table 27: 10,000 Flight Cycle Scheduled Maintenance Table

ATA Ref	Description	CMP Ref	Initial / Repeat
32-52-00	Oversteer Proximity Sensor - Operational Check MRB Ref: 32-50-00-03	325210	10,000 Flight Cycles

Table 28: Landing Gear Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
32-41-01	Nose Wheel - Special Detailed Inspection (NDT) MRB Ref: 32-41-00-02 **NOTE:** Per manufacturer recommendation.	324120 324121	Note
32-42-01	Main Wheel - Special Detailed Inspection (NDT) MRB Ref: 32-41-00-01 **NOTE:** Per manufacturer recommendation.	324225 324226 324227 324228	Note

Table 28: Landing Gear Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
53-13-00	Nose Wheel Well Trunnion and Drag Brace Fittings - Detailed Inspection MRB Ref: 53.13.00 / 03 **NOTE:** At nose landing gear removal.	531301	Note
57-10-05	Main Landing Gear Sponsons and Support Fittings - Detailed Inspection MRB Ref: 57.10.00 / 12 **NOTE:** At trunnion pin removal. Not to exceed 4C.	571031 571032	Note

Table 29: APU Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
49-11-01	Mount Bracket - General Visual Inspection MRB Ref: 49-12-00-01 **NOTE:** At APU removal.	491107	Note
49-11-02	Isolator Mounts - General Visual Inspection MRB Ref: 49-12-00-02 **NOTE:** At APU removal.	491104	Note
49-20-00	APU Fuel and Oil System (External) - General Visual Inspection MRB Ref: 49-30-00-01 MRB Ref: 49-90-00-01	492001	600 APU hours
49-21-01	Branched Wiring Harness (Wiring Harness) - General Visual Inspection MRB Ref: 49-60-00-01	492102	600 APU hours
49-34-01	Fuel Filter Bypass Indicator - Detailed Inspection (Delta P Indicator) MRB Ref: 49-30-00-02	493402	600 APU hours
49-42-01	Starter Motor - Detailed Inspection MRB Ref: 49-40-00-01	494202	600 APU hours
49-81-00	APU Exhaust Duct (Internal Only) - General Visual Inspection MRB Ref: 49-80-00-01	498100	600 APU hours
49-81-00	APU Fluted Exhaust and Turbine Bearing Support - General Visual Inspection MRB Ref: 49-80-00-02	498101	600 APU hours

Table 30: Engine Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
71-20-00	Engine Attach Pins and Bolts - Detailed Inspection MRB Ref: 71.24.00 / 01 **NOTE:** At engine removal. Not to exceed 16C.	712000 712001	Note
71-21-01	Forward Engine Mount Thrust Pin and Sleeve - Detailed Inspection MRB Ref: 71.21.11 / 01 MRB Ref: 71.21.11 / 02 **NOTE:** At engine removal. Not to exceed 16C.	712130 712131	Note
72-00-00	Combustion Section - Special Detailed Inspection MRB Ref: 72-41-00-01 **NOTE:** Threshold inspection at 5A Time Since New or 3A Time Since M41 Level 3. Recurring interval at 2A.	720006	Note
72-00-00	HP Turbine - Special Detailed Inspection MRB Ref: 72-41-00-03 MRB Ref: 72-41-00-04 **NOTE:** Threshold inspection at 5A Time Since New or 3A Time Since M41 Level 3. Recurring interval at 2A.	720007	Note
72-03-00	Core Fairing Fireseals - General Visual Inspection MRB Ref: 72-13-00-01 **NOTE:** Whenever HPC and combustor fairings are removed.	720300	Note
72-32-00	Intermediate Case - Detailed Inspection MRB Ref: 72-32-00-03 **NOTE:** At engine removal. Not to exceed 20C.	723201	Note

Table 31: Miscellaneous Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
25-62-05	Emergency Vision Assurance System - Operational Check MRB Ref: 25-60-00-14 **NOTE:** Per manufacturer recommendation.	256208	Note
25-63-15	Portable Emergency Locator Transmitter - Operational Check MRB Ref: 25-60-00-17 **NOTE:** Per manufacturer recommendation.	256319	Note
26-21-01	Engine Fire Extinguishing Shuttle Valve (Double Check Valve Tee) - Detailed Inspection MRB Ref: 26-21-00-05 **NOTE:** Any time shot 1 or 2 of associated engine fire extinguishing system is activated / fired.	262163 262164	Note

Table 31: Miscellaneous Inspection Table

ATA Ref	Description	CMP Ref	Initial / Repeat
35-12-01	Crew Oxygen Cylinder - General Visual Inspection MRB Ref: 35-10-00-01 **NOTE:** At bottle installation.	351213	Note
35-12-07	Crew Oxygen LP Switch - Operational Check MRB Ref: 35-10-00-06 **NOTE:** At bottle installation.	351210	Note
35-23-01	Passenger Oxygen Cylinder - General Visual Inspection MRB Ref: 35-20-00-01 **NOTE:** At bottle installation.	352313	Note
35-23-06	Passenger Oxygen LP Switch - Operational Check MRB Ref: 35-20-00-07 **NOTE:** At bottle installation.	352310	Note

B. Revision Number / Issue Date Cross References

This section contains a listing of all Gulfstream GVI (G650) Aircraft Maintenance Manual revisions with their respective dates of issue.

Table 32: Revision Number / Issue Date Cross References

Revision No.	Date of Revision
0	07/31/2012
1	09/30/2012
2	10/29/2012
3	12/31/2012
4	09/30/2013

C. ATA Cross Reference

NOTE: This table is for reference only. If discrepancies are noted between this table and the preceding Scheduled Maintenance Tables, the Scheduled Maintenance Tables take precedent to any conflicts.

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
12-10-01	Nose Landing Gear Shock Absorber - Servicing MRB Ref: 32-20-00-04	122210	4C
12-10-03	Main Landing Gear Shock Absorber - Servicing MRB Ref: 32-10-00-05	122209	4C
12-14-13	Air Turbine Starter Oil - Discard MRB Ref: 80-11-00-01	121408	1A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
12-22-01	Main Landing Gear - Lubrication MRB Ref: 32-10-00-01 MRB Ref: 32-31-00-02 MRIP	122202	4 months
12-22-02	Nose Landing Gear - Lubrication MRB Ref: 32-20-00-01 MRIP	122204	4 months
12-22-03	Nose Wheel Steering Unit - Lubrication MRB Ref: 32-50-00-01 MRIP **NOTE:** 1A or 2C, whichever occurs first.	122211	Note
12-22-03	Nose Wheel Steering Collar Assembly / Slave Gear - Lubrication MRB Ref: 32-50-00-02 MRIP **NOTE:** 1A or 2C, whichever occurs first.	122212	Note
12-23-03	Flap Actuator Ball Nut - Lubrication MRB Ref: 27-50-00-01 MRIP **NOTE:** 2A or 2C, whichever occurs first.	122328 122329	Note
12-23-03	Outboard Spoiler Actuator Toggle Link - Lubrication MRB Ref: 27-63-00-04	122330 122331	2C
12-23-03	Horizontal Actuator Oil - Discard MRB Ref: 27-40-00-08	122332	10A
12-23-03	Aileron Hinge Fitting - Lubrication MRIP	122333 122334	2C
12-23-03	Rudder Hinge Fitting - Lubrication MRIP	122335	2C
12-23-03	Elevator Hinge Fitting - Lubrication MRIP	122336 122337	2C
12-25-00	External Baggage Door - Lubrication MRB Ref: 52-30-00-01	122500	1C
12-26-00	Ram Air Turbine - Lubrication MRB Ref: 24-20-00-09	122600	2C
21-21-03	Ozone Converter - Functional Check MRB Ref: 21-52-00-01	212129 212130	10,000 Flight Hours
21-22-03	Ram Air Check Valve - Detailed Inspection MRB Ref: 21-52-00-03	212202	10A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
21-33-01	Pressure Relief Valve - Functional Check MRB Ref: 21-30-00-01 MRB Ref: 21-30-00-03 MRB Ref: 21-30-00-04	213306	5A
21-33-02	Baggage Compartment Decompression Advisory System - Functional Check MRB Ref: 21-35-00-01	213315	8A
21-33-03	Baggage Compartment Shut-off Valve and Reset Switch - Operational Check MRB Ref: 21-52-00-05 MRB Ref: 21-52-00-06	213311	5A
21-33-05	Baggage Compartment Ventilation Check Valve - Detailed Inspection MRB Ref: 21-52-00-04	213314	10A
21-33-07	Pressure Relief Valve Remote Air Filter - Detailed Inspection MRB Ref: 21-30-00-02	213304	5A
21-61-07	Zone Trim Air Check Valve - Detailed Inspection MRB Ref: 21-60-00-01	216111 216112	10A
21-61-07	Air Supply Check Valve - Detailed Inspection MRB Ref: 21-52-00-02	216113 216114	20A
23-61-01	Static Discharging - Functional Check MRB Ref: 23-60-00-01	236130 236131 236132 236133 236134 236135	4C
23-72-00	Cockpit Voice Recorder System - Operational Check MRB Ref: 23-72-00-04	237202	1C
23-72-07	Cockpit Voice Recorder Impact Switch - Operational Check MRB Ref: 23-72-00-01 **NOTE:** At CVR ULB Battery Discard.	237213	Note
23-72-11	Cockpit Voice Recorder Underwater Locator Beacon - Operational Check MRB Ref: 23-72-00-02 **NOTE:** At CVR ULB Battery Discard.	237216	Note
24-12-01	IDG Oil Cooler and Lines - General Visual Inspection MRB Ref: 24-20-00-06	241212 241213	1C
24-21-01	IDG - Detailed Inspection MRB Ref: 24-20-00-01 **NOTE:** ~~1A or 1C, whichever occurs first.~~	242109 242110	1A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
24-23-00	Ram Air Turbine - General Visual Inspection MRB Ref: 24-20-00-11	242312	2C
24-23-01	Ram Air Turbine Built-inTest Switch - Operational Check MRB Ref: 24-20-00-13 MRIP **NOTE:** 1A or 2C, whichever occurs first.	242351	Note
24-34-01	Main Battery - Capacity Check MRB Ref: 24-20-00-04 **NOTE:** Accomplish within 12 months from publication date of Revision 4 (see Table 32), not to exceed 2C since last accomplishment and every 1C thereafter.	243404 243405	Note
24-35-00	Emergency Battery Power System - Operational Check MRB Ref: 24-20-00-05	243500 243501	1C
24-35-01	Emergency Battery - Battery Level Test / Built-in Test Equipment - Operational Check MRB Ref: 24-20-00-07	243502 243503	2C
24-36-01	Electrical Backup Hydraulic Actuator NiCad Battery - Capacity Check MRB Ref: 24-20-00-14 ~~MRIP~~	243607	1C
24-39-01	Uninterruptible Power Supply Sealed Lead Acid Battery - Capacity Check MRB Ref: 24-20-00-12	243903	1C
25-11-00	Crew Seats Locking Mechanism and Seat Tracks - Detailed Inspection MRB Ref: ~~25.11.00 / 01~~ MRB Ref: 25-17-00-01	251111 251112 251113	4C
25-11-00	Crew Seat Restraints - Detailed Inspection MRB Ref: 25-17-00-02	251114 251115 251116	2C
25-11-00	Crew Seat Inertia Reels - Operational Check MRB Ref: 25-17-00-03	251117 251118 251119	2C
25-21-00	Passenger Seats Attachments and Locking - Detailed Inspection MRB Ref: 25-21-00-01	252100	4C
25-21-00	Passenger Seats Restraints - Detailed Inspection MRB Ref: 25-21-00-02	252101	2C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
25-21-00	Passenger Seats Inertia Reels - Operational Check MRB Ref: 25-21-00-03	252102	2C
25-60-01	Flashlight - Operational Check MRB Ref: 25-60-00-06	256007 256014 256015	1C
25-61-01	Life Vest(s) - Detailed Inspection MRB Ref: 25-60-00-01	256181	1C
25-61-03	Life Raft(s) - Detailed Inspection MRB Ref: 25-60-00-03	256147 256148 256149 256150	1C
25-62-01	Smoke Hood Tamper-evident Seals - Detailed Inspection MRB Ref: 35-10-00-07	256262 256272 256273	1C
25-62-03	Observer Smoke Goggles / Detachable Facepiece - Detailed Inspection MRB Ref: 35-10-00-09	256271	3C
25-62-05	Emergency Vision Assurance System - Operational Check MRB Ref: 25-60-00-14 **NOTE:** Per manufacturer recommendation.	256208	Note
25-63-03	Emergency Locator Transmitter - Operational Check (FAR 91.207) MRB Ref: 25-60-00-08	256309	1C
25-63-15	Portable Emergency Locator Transmitter - Operational Check MRB Ref: 25-60-00-17 **NOTE:** Per manufacturer recommendation.	256319	Note
25-64-01	First Aid Kit(s) - Detailed Inspection MRB Ref: 25-60-00-10	256404 256405	1C
25-64-01	Medical Kit(s) - Detailed Inspection MRB Ref: 25-60-00-10	256412 256413	1C
25-64-03	Defibrillator - Detailed Inspection MRB Ref: 25-60-00-18	256418	1C
25-66-00	Ditching Line - Detailed Inspection MRB Ref: 25-60-00-05	256608	4C
25-66-01	Fire / Crash Axe - Detailed Inspection MRB Ref: 25-60-00-07	256611	1C
26-03-01	Baggage Compartment Smoke Evacuation System - Operational Check MRB Ref: 26-16-00-01	260302	10C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
26-12-01	Pylon Thermal Switch - Operational Check MRB Ref: 26-14-00-01	261202 261203	8C
26-13-00	APU (Fire) Shut-down Circuit - Operational Check MRB Ref: 26-13-00-02	261304	4A
26-13-00	APU Compartment Fire Detect Loop - Operational Check MRB Ref: 26-13-00-01	261305	4A
26-14-01	Equipment Overheat Thermal Switch - Operational Check MRB Ref: 26-14-00-04	261446 261447 261448 261449 261450	8C
26-14-01	Baggage Compartment Below Floor Overheat Thermal Switch - Operational Check MRB Ref: 26-14-00-02	261451	8C
26-14-01	Aft Equipment Overheat Thermal Switches - Operational Check MRB Ref: 26-14-00-03	261452	8C
26-21-00	Engine and APU Fire Extinguishing Firing Circuitry Integrity - Operational Check MRB Ref: 26-21-00-04	262150 262151 262152	2C
26-21-01	Engine Fire Extinguishing Shuttle Valve (Double Check Valve Tee) - Detailed Inspection MRB Ref: 26-21-00-05 **NOTE:** Any time shot 1 or 2 of associated engine fire extinguishing system is activated / fired.	262163 262164	Note
26-21-03	Engine Fire Bottle Pressure Switch - Operational Check MRB Ref: 26-21-00-01	262108 262109	2C
26-24-01	Portable Halon Fire Extinguisher - Detailed Inspection MRB Ref: 26-24-00-01	262402 262408 262414 262420 262426 262432 262438 262444	1C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
26-24-01	Portable Halon Fire Extinguisher - Weight Check MRB Ref: 26-24-00-02	262403 262409 262415 262421 262427 262433 262439 262445	1C
26-24-03	Portable Water Fire Extinguisher - Detailed Inspection MRB Ref: 26-24-00-04	262450	1C
26-25-01	Trash Receptacle Enclosure - Detailed Inspection MRB Ref: 26-25-00-01	262500	1C
26-25-01	Trash Receptacle Fire Extinguisher Nozzles - Detailed Inspection MRB Ref: 26-25-00-02 **NOTE:** If installed. Accomplish within 12 months from publication date of Revision 4 (see Table 32) and every 1C thereafter.	262507 262508 262509 262510	Note
26-25-01	Trash Receptacle Fire Extinguishing Bottle - Weight Check MRB Ref: 26-25-00-03	262520 262502 262504 262506	5C
27-10-00	Aileron Electrical Rig - Functional Check MRB Ref: 27-13-00-02	271000 271001	20A
27-10-00	Aileron Attachment - Detailed Inspection MRB Ref: 27-13-00-03	271007 271008	4C
27-11-03	Cockpit Flight Control Cable - Detailed Inspection MRB Ref: 27-10-00-01	271128	8C
27-11-09	Aileron Control Override Pushrod Bungee Torque - Functional Check MRB Ref: 27-10-00-04	271126	10A
27-11-15	Aileron Trim Centering Bungee - General Visual Inspection MRB Ref: 27-10-00-02	271127	10A
27-20-00	Rudder Electrical Rig - Functional Check MRB Ref: 27-23-00-01	272003	20A
27-20-00	Rudder Control Linkages and Dampers - General Visual Inspection MRB Ref: 27-20-00-01	272008	10A
27-20-00	Rudder Control Module Primary Stops - General Visual Inspection MRB Ref: 27-20-00-02	272009	10A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
27-20-00	Rudder Attachment - Detailed Inspection MRB Ref: 27-23-00-03	272010	4C
27-30-00	Elevator Electrical Rig - Functional Check MRB Ref: 27-33-00-01	273004 273005	20A
27-30-00	Elevator Attachment - Detailed Inspection MRB Ref: 27-33-00-03	273010 273011	4C
27-30-00	Elevator Control System - General Visual Inspection MRB Ref: 27-30-00-02	273012	10A
27-31-03	Elevator Control Override Pushrod - Functional Check MRB Ref: 27-30-00-01	273124	10A
27-40-00	Horizontal Stabilizer Trim Actuator Structure - Detailed Inspection MRB Ref: 27.40.00 / 01	274005	12C
27-40-00	Horizontal Stabilizer Trim Actuator - Detailed Inspection MRB Ref: 27-40-00-02	274006	10A
27-50-00	Flap Drive System - General Visual Inspection MRB Ref: 27-50-00-03	275000	4C
27-51-03	Flap Track and Roller - General Visual Inspection MRB Ref: 27-50-00-04	275108	4C
27-53-09	Flap Actuator Force Limiter - Functional Check MRB Ref: 27-50-00-02	275358 275359 275360 275361	20C
27-60-00	Spoiler Attachment - Detailed Inspection MRB Ref: 27-63-00-01	276003	4C
27-60-00	Spoiler Actuator Integrity (Suite A) - Initiated Built-in Test - Functional Check MRB Ref: 27-63-00-02	276004	1A
27-60-00	Spoiler Actuator Integrity (Suite B) - Initiated Built-in Test - Functional Check MRB Ref: 27-63-00-03	276005	6A
27-60-00	Spoiler Free Play Backlash - Functional Check MRB Ref: 27-63-00-05	276008 276009 276010 276011 276012 276013	10C
28-15-07	Fuel Vent System - Operational Check MRB Ref: 28-10-00-01	281530 281531	1A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
28-16-00	Heated Fuel Return System Valve - Operational Check MRB Ref: 26-21-00-08 MRB Ref: 28-20-00-04	281602	2C
28-16-01	Pylon Heated Fuel Return System (HFRS) Shut-off Valve Fire Shield - General Visual Inspection MRB Ref: 28-16-00-02	281615 281616	8C
28-26-00	Dual Wall Fuel Line Shrouds - Functional Check MRB Ref: 28-16-00-01 MRB Ref: 28-20-00-05 MRB Ref: 28-20-00-06	282642 282643 282644 282645 282646	8C
28-26-09	Engine Fuel Shut-off Valve - Operational Check MRB Ref: 26-21-00-06 MRB Ref: 28-20-00-02	282633 282634	2C
28-26-11	APU Fuel Shut-off Valve - Operational Check MRB Ref: 28-20-00-03	282632	2C
29-15-00	Hydraulic System Shut-off Valves - Operational Check MRB Ref: 26-21-00-07 MRB Ref: 29-10-00-01	291524	2C
29-17-01	Hydraulic System Accumulator Precharge - Detailed Inspection MRB Ref: 29-10-00-02	291708 291709 291710 291711	2C
30-11-09	Wing Anti-ice Temperature Switch - Temperature Trip Point Functional Check MRB Ref: 30-11-00-01 MRB Ref: 30-11-00-02 MRIP	301137	8C
30-41-00	Windshield Surface Seal - Detailed Inspection MRB Ref: 56-10-00-03 MRIP **NOTE:** 1A or 2C, whichever occurs first.	304118 304119	Note
31-31-00	FDR - Functional Check MRB Ref: 31-31-00-01	313104	2C
31-31-00	FDR Fail Message - Operational Check MRB Ref: 31-31-00-02	313105	2C
31-31-05	FDR Underwater Locator Beacon - Operational Check MRB Ref: 31-31-00-03 **NOTE:** At FDR ULB Battery Discard.	313113	Note

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
31-31-07	FDR Impact Switch - Operational Check MRB Ref: 31-31-00-05 **NOTE:** At FDR ULB Battery Discard.	313108	Note
31-54-00	Aircraft Configuration Message - Operational Check MRB Ref: 31-61-00-02	315400	3C
31-63-05	Displays Manual Reversion - Operational Check MRB Ref: 31-61-00-01	316322	3A
32-00-00	Nose and Main Landing Gear and Doors - General Visual Inspection MRB Ref: 32-10-00-02 MRB Ref: 32-20-00-02	320002	1C
32-00-00	Nose and Main Landing Gear and Doors - Zonal Inspection MRB Ref: 32-31-00-04 MRB Ref: 32-31-00-05 MRB Ref: 32-31-00-08 MRB Ref: 32-700-01 MRB Ref: 32-700-02 MRB Ref: 32-700-03 MRB Ref: ~~52.40.00 / 01~~ **NOTE:** 1A or 2C, whichever occurs first.	320003	Note
32-10-00	Main Landing Gear and Components - Detailed Inspection MRB Ref: 32.00.02 / 01 MRB Ref: 32-10-00-04	321050 321051	4C
32-10-00	Main Landing Gear Corrosion Inhibiting Compound Reapplication MRB Ref: 32.00.02 / 02	321052 321053	2C
32-20-00	Nose Landing Gear Components - Detailed Inspection MRB Ref: 32-20-00-03 MRB Ref: 32.00.01 / 01	322004	4C
32-20-00	Nose Landing Gear Corrosion Inhibiting Compound Reapplication MRB Ref: 32.00.01 / 02	322005	2C
32-39-00	Landing Gear Emergency Extension System - General Visual Inspection MRB Ref: 32-39-00-02	323917	2C
32-41-01	Nose Wheel - Special Detailed Inspection (NDT) MRB Ref: 32-41-00-02 **NOTE:** Per manufacturer recommendation.	324120 324121	Note

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
32-42-01	Main Wheel - Special Detailed Inspection (NDT) MRB Ref: 32-41-00-01 **NOTE:** Per manufacturer recommendation.	324225 324226 324227 324228	Note
32-43-01	Brake Wear Indicators - Detailed Inspection MRB Ref: 32-41-00-03	324304 324305 324306 324307	1A
32-44-03	Brake Pedal Position Transducer - General Visual Inspection MRB Ref: 32-44-00-01	324431	8C
32-49-00	Tire Pressure Monitor System - Functional Check MRB Ref: 32-41-00-04	324701	2C
32-52-00	Oversteer Proximity Sensor - Operational Check MRB Ref: 32-50-00-03	325210	10,000 Flight Cycles
33-42-03	Anticollision Beacon Light - Operational Check MRB Ref: 33-40-00-01	334202	1C
33-42-05	Navigation Lights - Operational Check MRB Ref: 33-40-00-01	334211	1C
33-50-00	Exterior Emergency Lighting - Operational Check MRB Ref: 33-50-00-01	335000	2C
33-51-00	Cabin Emergency Lighting - Operational Check MRB Ref: 33-50-00-01	335100	2C
34-13-00	Air Data System - Functional / Leak Test MRB Ref: 34-12-00-01 **NOTE:** In accordance with FAR 91.411(a)(1) or National Aviation Authority. Exempt from allowable windows. See Figure 1.	341300 341301 341302 341303	24 months
34-29-05	Enhanced Vision System II Window Assembly - Detailed Inspection MRB Ref: 34-29-00-01	342907	8A
34-55-00	ATC - Operational Check MRB Ref: 34-55-00-01 **NOTE:** In accordance with FAR 91.413 or National Aviation Authority. Exempt from allowable windows. See Figure 1.	345512 345513	24 months
35-11-01	Crew Oxygen Mask / Regulator and Stowage Box - Detailed Inspection MRB Ref: 35-10-00-04	351112 351113 351114	3C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
35-12-01	Crew Oxygen Cylinder - General Visual Inspection MRB Ref: 35-10-00-01 **NOTE:** At bottle installation.	351213	Note
35-12-07	Crew Oxygen LP Switch - Operational Check MRB Ref: 35-10-00-06 **NOTE:** At bottle installation.	351210	Note
35-21-03	Passenger Oxygen Drop-down Mask Assemblies - Detailed Inspection MRB Ref: 35-20-00-06	352100	3C
35-23-01	Passenger Oxygen Cylinder - General Visual Inspection MRB Ref: 35-20-00-01 **NOTE:** At bottle installation.	352313	Note
35-23-06	Passenger Oxygen LP Switch - Operational Check MRB Ref: 35-20-00-07 **NOTE:** At bottle installation.	352310	Note
35-24-00	Passenger Oxygen System (Manual Mode) - Operational Check MRB Ref: 35-20-00-05	352403	3C
35-24-00	Passenger Oxygen System (Auto Mode) - Functional Check MRB Ref: 35-20-00-04	352404	3C
35-26-00	Therapeutic Oxygen System - Functional Check MRB Ref: 35-20-00-08	352604	3C
35-26-01	Therapeutic Oxygen Mask - Detailed Inspection MRB Ref: 35-20-00-09	352605	3C
35-30-00	Portable Oxygen Bottle / Regulator and Mask Assembly - Detailed Inspection MRB Ref: 35-30-00-03 MRB Ref: 35-30-00-05	353000 353001 353006	1C
35-30-00	Portable Oxygen System - Operational Check MRB Ref: 35-30-00-01	353002	3C
36-12-11	APU Check Valve - Detailed Inspection MRB Ref: 36-12-00-01	361209	8A
38-10-00	Potable Water System - Cleaning / Sanitizing MRB Ref: 38-10-00-05	381002 381003	1C
38-14-01	Water Tank - General Visual Inspection MRB Ref: 38-10-00-01	381424	4C
38-31-01	Vacuum Toilet System - Cleaning MRB Ref: 38-31-00-01	383104 383105	1C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
49-11-01	Mount Bracket - General Visual Inspection MRB Ref: 49-12-00-01 **NOTE:** At APU removal.	491107	Note
49-11-02	Isolator Mounts - General Visual Inspection MRB Ref: 49-12-00-02 **NOTE:** At APU removal.	491104	Note
49-13-00	APU Turbine Plenum Drain - Operational Check MRB Ref: 49-17-00-01	491300	2C
49-13-00	APU Compartment Drains - General Visual Inspection MRB Ref: 49-17-00-02	491302	2C
49-20-00	APU Fuel and Oil System (External) - General Visual Inspection MRB Ref: 49-30-00-01 MRB Ref: 49-90-00-01	492001	600 APU hours
49-21-01	Branched Wiring Harness (Wiring Harness) - General Visual Inspection MRB Ref: 49-60-00-01	492102	600 APU hours
49-34-01	Fuel Filter Bypass Indicator - Detailed Inspection (Delta P Indicator) MRB Ref: 49-30-00-02	493402	600 APU hours
49-42-01	Starter Motor - Detailed Inspection MRB Ref: 49-40-00-01	494202	600 APU hours
49-81-00	APU Exhaust Duct (Internal Only) - General Visual Inspection MRB Ref: 49-80-00-01	498100	600 APU hours
49-81-00	APU Fluted Exhaust and Turbine Bearing Support - General Visual Inspection MRB Ref: 49-80-00-02	498101	600 APU hours
52-00-00	Fuselage Doors (External) - Zonal Inspection MRB Ref: 52.20.00 / 01 MRB Ref: 52.30.00 / 01 MRB Ref: 52-800-01	520001	6C
52-00-00	Fuselage Doors (Interior) - Zonal Inspection MRB Ref: 52-800-05	520002	12C
52-10-00	Main Entrance Door (Internal) - Zonal Inspection MRB Ref: 52-11-00-03 MRB Ref: 52-11-00-05 MRB Ref: 52-11-00-07 MRB Ref: 52-11-00-09 MRB Ref: 52-11-00-10 MRB Ref: 52-800-02	521001	4C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
52-10-00	Main Entrance Door FS 273 - FS 309 - Detailed Inspection MRB Ref: 52.11.01 / 01	521002	8C
52-10-00	Main Entrance Door Viewport - Operational Check MRB Ref: 56-42-00-01	521003	2C
52-10-00	Main Entrance Door Cockpit Overhead Panel Safety Switch - Operational Check MRB Ref: 52-11-00-01	521004	2C
52-10-00	Main Entrance Door Opening With Emergency Battery Power - Operational Check MRB Ref: 52-11-00-08	521005	2C
52-11-01	Main Entrance Door Fuselage Surround and Support Structure - General Visual Inspection MRB Ref: 52.11.03 / 01	521100	8C
52-13-07	Main Entrance Door Pressure Relief Valve Seal - Detailed Inspection MRB Ref: 52-11-00-04	521302	10C
52-13-07	Main Entrance Door Pressure Relief Valve - Detailed Inspection MRIP	521304	10C
52-15-01	Main Entrance Door Inner and Outer Seal - General Visual Inspection MRB Ref: 52-11-00-06	521500	5C
52-20-00	Emergency Exit Doors - Functional Check MRB Ref: 52-20-00-01 MRB Ref: 52-20-00-03	522000	4C
52-20-00	Emergency Exit Door Seals - Detailed Inspection MRB Ref: 52-20-00-02	522001	4C
52-22-00	Emergency Exit Doors - Zonal Inspection MRB Ref: 52-800-03	522202	12C
52-22-00	Emergency Exit Doors Internal Structure - Detailed Inspection MRB Ref: 52.20.00 / 02	522203	12C
52-30-00	Baggage Compartment Door - Zonal Inspection MRB Ref: 52-800-04	523001	12C
52-31-00	Baggage Door Interior Skin and Structure - Detailed Inspection MRB Ref: 52.30.00 / 02 MRB Ref: 52.30.00 / 03 MRB Ref: 52.30.00 / 04	523111	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
52-34-01	Baggage Door Seal FS 824.5 - FS 867 - Detailed Inspection MRB Ref: 52-30-00-02	523400	4C
52-51-00	Auxiliary Pressure Bulkhead Door Seal - Detailed Inspection MRB Ref: 52-50-00-01	525102	1C
52-52-00	Acoustic Door Automatic Opening - Operational Check MRB Ref: 52-50-00-02	525200	3C
52-72-00	Auxiliary Pressure Bulkhead Door Warning Indication - Operational Check MRB Ref: 52-70-00-01	527103	4C
53-00-00	External Lower Fuselage FS 100 - FS 886 - Zonal Inspection MRB Ref: 53-100-01 MRB Ref: 53.11.02 / 01 MRB Ref: 53.11.02 / 03 MRB Ref: 53.11.04 / 01 MRB Ref: ~~53.90.01 / 01~~ MRB Ref: ~~53.90.03 / 01~~ MRB Ref: ~~53.90.04 / 01~~	530004	2C
53-00-00	Radome (Interior) and Equipment Area Behind Radome - Zonal Inspection MRB Ref: 53-100-02 MRB Ref: 53.16.01 / 03	530005	12C
53-00-00	Lower Forward Cabin and Midcabin Sections FS 245.5 - FS 511.5 - Zonal Inspection MRB Ref: 52-11-00-02 MRB Ref: 53-100-07 MRB Ref: 53.21.05 / 01	530006	4C
53-00-00	Aft Midcabin Fuselage Below Floor Level FS 739 - FS 886 - Zonal Inspection MRB Ref: 53-100-12 MRB Ref: 53.45.00 / 03 MRB Ref: 53.45.00 / 04 MRB Ref: 53.45.00 / 07 MRB Ref: 53.45.00 / 08	530007	4C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-00-00	External Upper Fuselage (Viewed From Platform) FS 148.5 - FS 886 - Zonal inspection MRB Ref: ~~53.02.00 / 03~~ MRB Ref: 53.11.01 / 01 MRB Ref: 53.11.01 / 03 MRB Ref: 53.11.03 / 01 MRB Ref: 53.17.00 / 01 MRB Ref: 53-200-01 MRB Ref: 53.21.01 / 01 MRB Ref: 53.21.04 / 01 MRB Ref: 53.31.00 / 01 MRB Ref: 53.31.01 / 01 MRB Ref: 53.41.01 / 01	530008	6C
53-00-00	Cabin Above Floor From Vestibule to Baggage Compartment FS 245.5 - FS 886 - Zonal Inspection MRB Ref: 53.16.00 / 01 MRB Ref: 53-200-04 MRB Ref: 53.35.00 / 01 MRB Ref: 53.35.00 / 02 MRB Ref: 53.35.01 / 03 MRB Ref: 53.35.01 / 04 MRB Ref: 53.45.00 / 01 MRB Ref: 53.45.00 / 02 MRB Ref: 53.45.00 / 05 MRB Ref: 53.45.00 / 06 MRB Ref: 53.45.04 / 01	530009	12C
53-00-00	External Aft Fuselage and Empennage FS 886 - FS 1199.475 - Zonal Inspection MRB Ref: 53-300-01 MRB Ref: 53.41.03 / 01 MRB Ref: 53.41.04 / 01 MRB Ref: 53.51.00 / 01 MRB Ref: 53.51.01 / 01 MRB Ref: 53.51.02 / 01 MRB Ref: 55.00.01 / 01	530010	6C
53-00-00	Lower Forward Cabin and Midcabin Sections FS 245.5 - FS 511.5 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-03	530011	4C
53-00-00	Lower Forward Cabin and Midcabin Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-04	530012	4C
53-00-00	Aft Midcabin Fuselage Below Floor Level FS 739 - FS 886 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-11	530013	4C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-00-00	Vestibule and Forward Cabin Below Floor HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-03	530014	6C
53-00-00	Tail Compartment HIRF/L - Detailed Inspection MRB Ref: 53-300-HIRF-01	530015	8C
53-00-05	Cabin Fixed Windows Internal - Detailed Inspection MRB Ref: 53.21.04 / 02 MRB Ref: 53.21.04 / 04	530002	12C
53-00-05	Cabin Fixed Window Frames and Surrounds - Detailed Inspection MRB Ref: 53.21.04 / 03 **NOTE:** At window removal. Not to exceed 16C.	530016	Note
53-00-06	Exterior Skin Panel Installations (Enclosed by Pylons) FS 838 - FS 1059.625 - Detailed Inspection MRB Ref: 53.41.01 / 02 MRB Ref: 53.41.03 / 02 MRB Ref: 53.51.01 / 02	530003	8C / 4C
53-02-03	Antenna Interface - Detailed Inspection MRB Ref: 53.21.06 / 01	530001	6C
~~53-10-00~~	~~Enhanced Vision System II Internal Support Structure FS 157 - FS 167 - Detailed Inspection~~ ~~MRB Ref: 53.02.00 / 01~~ ~~MRB Ref: 53.02.00 / 02~~ ~~MRB Ref: 53.02.00 / 04~~	~~531004~~	~~12C~~
~~53-10-00~~	~~Forward Fuselage Enhanced Vision System II Window - Detailed Inspection~~ ~~MRB Ref: 53.02.00 / 05~~	~~531005~~	~~6C~~
53-10-00	Forward Fuselage Above Floor FS 148.5 - FS 245.5 - Detailed Inspection MRB Ref: 53.11.01 / 02 MRB Ref: 53.11.01 / 04 MRB Ref: 53.13.01 / 01 MRB Ref: 53.16.01 / 01	531007	16C
53-10-00	Forward Fuselage Below Floor FS 148.5 - FS 245.5 - Detailed Inspection MRB Ref: 53.11.02 / 02 MRB Ref: 53.11.02 / 04 MRB Ref: 53.13.00 / 01 MRB Ref: 53.13.02 / 02	531008	12C
53-10-00	Cockpit Interior Above Headliner FS 167 - FS 245.5 - Zonal Inspection MRB Ref: 53-200-02	531011	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-10-00	Left and Right Cockpit Interior Floor Up To Window Level - Zonal Inspection MRB Ref: 53.13.02 / 01 MRB Ref: 53-200-03 MRB Ref: 53-200-HIRF-02	531012	8C
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 189.375 - FS 223 - Zonal Inspection MRB Ref: 53-100-04	531014	8C
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 223 - FS 243 - Zonal Inspection MRB Ref: 27-10-00-03 MRB Ref: 27-10-00-05 MRB Ref: 27-30-00-03 MRB Ref: 53-100-05	531015	2C
53-10-00	Internal Left and Right Fuselage Below Cockpit Floor FS 223 - FS 243 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-01	531016	6C
53-10-00	Cockpit Above Floor HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-01	531017	8C
53-10-00	Cockpit Below Floor FS 189.375 - FS 223 HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-01	531018	8C
53-10-00	Cockpit Below Floor FS 223 - FS 243 HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-02	531019	8C
53-10-00	Internal Below Pedestal - Zonal Inspection MRB Ref: 53-100-06	531020	12C
53-10-00	Cockpit Below Floor Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-02	531021	2C
53-10-00	LEER HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-03	531022	6C
53-10-00	REER HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-04	531023	6C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-10-00	Nose Landing Gear Wheel Well FS 148.5 - FS 223 - Zonal Inspection MRB Ref: 32-31-00-01 MRB Ref: 32-31-00-03 MRB Ref: 32-31-00-06 MRB Ref: 32-31-00-08 MRB Ref: 53-100-03 MRB Ref: 53.12.00 / 02 MRB Ref: 53.13.00 / 02 MRB Ref: 53.16.01 / 02 **NOTE:** 1A or 2C, whichever occurs first.	531024	Note
53-10-10	Radome Assembly - General Visual Inspection MRB Ref: 34-44-00-01	531026	10C
53-10-10	Radome to Structure Perimeter Steps - Detailed Inspection MRIP **NOTE:** Aircraft having RVSM.	531036	2C
53-11-00	Vestibule Internal Above Floor FS 245.5 - FS 324.5 - Special Detailed Inspection MRB Ref: 53.11.03 / 02 MRB Ref: 53.11.03 / 03 MRB Ref: 53.11.03 / 04 MRB Ref: 53.11.03 / 05	531100	16C
53-11-00	Vestibule Internal Below Floor FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.11.04 / 02 MRB Ref: 53.11.04 / 03 MRB Ref: 53.11.04 / 04 MRB Ref: 53.11.04 / 05 MRB Ref: 53.11.04 / 06	531101	8C
53-12-00	Bulkhead Installation FS 148.5 - Detailed Inspection MRB Ref: 53.12.00 / 03	531200	16C
53-12-00	Bulkhead Installation FS 167 - Detailed Inspection MRB Ref: 53.12.00 / 04 MRB Ref: 53.12.00 / 08	531201	16C
53-12-00	Bulkhead Installation FS 189.375 - Detailed Inspection MRB Ref: 53.12.00 / 05	531202	16C
53-12-00	Bulkhead Installation FS 223 - Detailed Inspection MRB Ref: 53.12.00 / 06	531203	16C
53-12-00	Bulkhead Installation FS 243 - Detailed Inspection MRB Ref: 53.12.00 / 07	531204	16C
53-12-00	Bulkhead Installation FS 148.5 - General Visual Inspection MRB Ref: 53.12.00 / 01	531205	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-13-00	Nose Wheel Well Trunnion and Drag Brace Fittings - Detailed Inspection MRB Ref: 53.13.00 / 03 **NOTE:** At nose landing gear removal.	531301	Note
53-13-00	Forward Fuselage Splice Installations Above Floor FS 245.5 - FS 324.5 - Special Detailed Inspection MRB Ref: 53.13.03 / 01	531303	16C
53-13-00	Splice Installations Below Floor Left Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 01	531304	2C
53-13-00	Splice Installations Below Floor (Dry Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 02	531305	12C
53-13-00	Splice Installations Below Floor (Wet Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.13.04 / 03	531306	8C
53-15-00	Floor Beams and Tracks Right Side Above Floor (Wet Areas) FS 245.5 - FS 324.5 - General Visual Inspection MRB Ref: 53.16.00 / 02	531501	8C
53-15-00	Floor Structure Left Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 03	531502	12C
53-15-00	Floor Structure (Dry Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 04	531503	12C
53-15-00	Floor Structure (Wet Areas) Right Side FS 245.5 - FS 324.5 - Detailed Inspection MRB Ref: 53.16.00 / 05	531504	8C
53-16-00	Cockpit Interior Above Floor FS 167 - FS 245.5 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-01	531601	8C
53-16-00	Cockpit Interior Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-02	531602	8C
53-17-00	Cockpit Internal Structure Headliner Removed - Detailed Inspection MRB Ref: 53.17.00 / 02	531705	12C
53-17-00	Cockpit Splice and Crossbeam Internal - Detailed Inspection MRB Ref: 53.17.00 / 03 MRB Ref: 53.17.00 / 06	531706	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-17-00	Side Window Rails and Posts Internal - Detailed Inspection MRB Ref: 53.17.00 / 04 **NOTE:** At window removal. Not to exceed 12C.	531707 531708	Note
53-17-00	Windshield Rails and Posts Internal - Detailed Inspection MRB Ref: 53.17.00 / 05 **NOTE:** At window removal. Not to exceed 12C.	531709 531710	Note
53-21-00	Galley / Lavatory Below Floor (Wet Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.03 / 01 MRB Ref: 53.21.03 / 02 MRB Ref: 53.21.03 / 03 MRB Ref: 53.21.03 / 04	532100	8C
53-21-00	Interior Upper Forward Midcabin Panel Installation Headliner Removed FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.01 / 02	532101	12C
53-21-00	Interior Left and Right Forward Midcabin Panel Installations Above Floor FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.01 / 03	532102	12C
53-21-00	Wing Link Fittings Interior to Wing to Body Fairing FS 470 - FS 511.5 - Detailed Inspection MRB Ref: 53.21.02 / 04	532103	8C
53-21-00	Waste Penetration Installation Interior to Wing to Body Fairing FS 470 - Detailed Inspection MRB Ref: 53.21.02 / 05	532104	8C
53-21-00	Forward Midcabin Below Floor (Dry Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.21.02 / 06 MRB Ref: 53.21.02 / 07 MRB Ref: 53.21.02 / 08	532105	8C
53-23-00	Left and Right Stringer 6 and Midbay Skin Splices (Above Floor) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 01 MRB Ref: 53.23.00 / 02	532301	12C
53-23-00	Left and Right Stringer 19 and Midbay Skin Splices Below Floor (Dry Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 03 MRB Ref: 53.23.00 / 04	532302	8C
53-23-00	Skin Splices Below Floor Galley / Lavatories (Wet Areas) FS 324.5 - FS 529 - Detailed Inspection MRB Ref: 53.23.00 / 05 MRB Ref: 53.23.00 / 06	532303	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-25-00	Floor Beams and Tracks Above Floor (Dry Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.02 / 01	532500	16C
53-25-00	Floor Beams and Tracks Above Floor (Wet Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.02 / 02	532501	8C
53-25-00	Cabin Below Floor Seat Track Beams and Support Structure (Dry Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.03 / 01 MRB Ref: 53.25.03 / 03	532502	12C
53-25-00	Cabin Below Floor Seat Track Beams and Support Structure (Wet Areas) FS 321 - FS 511.5 - Detailed Inspection MRB Ref: 53.25.03 / 02	532503	8C
53-26-00	LEER FS 246 - FS 270 - Zonal Inspection MRB Ref: 53-200-05	532600	4C
53-26-00	LEER FS 246 - FS 270 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-04	532601	4C
53-26-00	REER FS 251.5 - FS 285 - Zonal Inspection MRB Ref: 53-200-06 MRB Ref: 53-200-HIRF-05	532602	4C
53-26-00	REER FS 251.5 - FS 285 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-06	532603	4C
53-26-00	LEER Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-05	532604	4C
53-26-00	REER Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-07	532605	4C
53-30-00	Main Landing Gear Wheel Well and Torque Box FS 671.411 - FS 739 - Zonal Inspection MRB Ref: 32-31-00-01 MRB Ref: 32-31-00-03 MRB Ref: 32-31-00-08 MRB Ref: 53-100-10 MRB Ref: 53.32.00 / 01 MRB Ref: 53.34.00 / 03 MRB Ref: 53.35.00 / 03 MRB Ref: 53.35.00 / 04 MRB Ref: 57.10.00 / 11 **NOTE:** 1A or 2C, whichever occurs first.	533000 533001	Note

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-30-00	Main Landing Gear Wheel Well and Torque Box FS 671.411 - FS 739 - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-08 MRIP **NOTE:** 1A or 2C, whichever occurs first.	533002 533003	Note
53-31-00	Interior Center Midcabin Side Panel Installation FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.31.00 / 03 MRB Ref: 53.38.00 / 01	533101	12C
53-31-00	Interior Upper Center Midcabin Panel Installation FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.31.00 / 04	533102	12C
53-31-00	Center Midcabin Mainframe Installation FS 529 and FS 686.5 - Detailed Inspection MRB Ref: 53.31.00 / 05 MRB Ref: 53.31.00 / 06	533103	12C
53-31-00	Emergency Exit Door Internal Surround Structures - Detailed Inspection MRB Ref: 53.31.01 / 02	533104	12C
53-32-00	Bulkhead Aft Face Below Floor FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 02	533203	12C
53-32-00	Bulkhead Aft Face Internal to WTBF FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 03	533204	8C
53-32-00	Interior Bulkhead Forward and Aft Face Above Floor FS 739 - Detailed Inspection MRB Ref: 53.32.00 / 04	533205	16C
53-33-00	Splice Installations Above Floor FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.33.00 / 01 MRB Ref: 53.33.00 / 02 MRB Ref: 53.33.00 / 03	533300	16C
53-33-00	Splice Installations Below Floor FS 529 - FS 747.75 - Detailed Inspection MRB Ref: 53.33.00 / 04 MRB Ref: 53.33.00 / 05	533301	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-34-00	Wing to Fuselage Attachment Links - Detailed Inspection MRB Ref: 53.34.01 / 01 MRB Ref: 53.34.01 / 02 MRB Ref: 53.34.01 / 03 MRB Ref: 53.34.01 / 04 MRB Ref: 53.34.01 / 05 MRB Ref: 53.34.01 / 06 MRB Ref: 53.34.01 / 07	533400	8C
53-34-00	Wing to Fuselage Drag Links FS 529 - FS 581.5 - Detailed Inspection MRB Ref: 53.38.00 / 02 MRB Ref: 53.38.00 / 03	533800	8C
53-35-00	Pressure Floor Structure Below Floor FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.02 / 01 MRB Ref: 53.35.02 / 02 MRB Ref: 53.35.02 / 03 MRB Ref: 53.35.02 / 04	533500	12C / 8C
53-35-00	Pressure Floor Structure Panels Above Floor (Dry Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 05	533501	16C / 12C
53-35-00	Pressure Floor Structure Panels Above Floor (Wet Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 06	533502	16C / 12C
53-35-00	Pressure Floor Structure at Wheel Wells Below Floor FS 511.5 - FS 669 - Detailed Inspection MRB Ref: 53.35.00 / 07	533503	8C
53-35-00	Pressure Floor Structure Forward of Wheel Wells Below Floor FS 669 - FS 739 - Detailed Inspection MRB Ref: 53.35.00 / 08	533504	12C
53-35-00	Seat Track Beams Above Floor (Dry Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.01 / 01	533505	16C
53-35-00	Seat Track Beams Above Floor (Wet Areas) FS 511.5 - FS 739 - Detailed Inspection MRB Ref: 53.35.01 / 02	533506	16C
53-39-00	Torque Box Interior - Detailed Inspection MRB Ref: 53.34.00 / 01	533900	12C
53-39-00	Torque Box Exterior and Links - Detailed Inspection MRB Ref: 53.34.00 / 02 MRB Ref: 53.34.00 / 04	533901	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-40-00	Baggage Compartment Wiring Installation FS 805.5 - FS 886 - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-03	534000	8C
53-40-00	Baggage Compartment Below Floor HIRF/L - Detailed Inspection MRB Ref: 53-100-HIRF-04 MRIP	534001	4C
53-40-00	Baggage Compartment Above Floor HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-06	534002	6C
53-40-00	Baggage Compartment Above Floor HIRF/L - General Visual Inspection MRB Ref: 53-200-HIRF-07	534003	6C
53-40-00	Baggage Compartment Forward Electronic Equipment Rack HIRF/L - Detailed Inspection MRB Ref: 53-200-HIRF-08	534004	8C
53-41-00	Interior Upper Aft Mid Panel Installation FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.01 / 05	534100	12C
53-41-00	Interior Aft Mid Side Panel Installations FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.01 / 04	534101	12C
53-41-00	Aft Mid Internal Structure Below Floor (Wet Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.02 / 03 MRB Ref: 53.41.02 / 05	534102	8C
53-41-00	Aft Mid Internal Structure Below Floor (Dry Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.41.02 / 04	534103	8C
53-41-00	Aft Mid Splice Installations Above Floor FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 01	534104	12C
53-41-00	Aft Mid Splice Installations FS 886 - FS 951.31 - Detailed Inspection MRB Ref: 53.43.00 / 02	534105	8C
53-41-00	Aft Mid Splice Installations Below Floor (Dry Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 03	534106	8C
53-41-00	Aft Mid Splice Installations Below Floor (Wet Areas) FS 739 - FS 886 - Detailed Inspection MRB Ref: 53.43.00 / 04	534107	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-42-00	Aft Engine Mount Frame Installation Above Floor FS 951.31 - Detailed Inspection MRB Ref: 53.42.00 / 01	534200	8C
53-42-00	Aft Engine Mount Frame Installation Below Floor FS 951.31 - Detailed Inspection MRB Ref: 53.42.00 / 02	534201	12C
53-42-00	Aft Mid Frame Installations Above Floor FS 823 and FS 868.5 - Detailed Inspection MRB Ref: 53.41.01 / 03	534202	12C
53-42-00	Baggage Door Support Internal Structure - Detailed Inspection MRB Ref: 53.41.05 / 02	534203	8C
53-42-00	Baggage Door Support External Structure - General Visual Inspection MRB Ref: 53.41.05 / 01	534208	8C
53-42-01	Secondary Pressure Bulkhead Door FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 01	534204	12C
53-42-01	Secondary Pressure Bulkhead Above Floor FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 02	534205	12C
53-42-01	Secondary Pressure Bulkhead Below Floor FS 805.5 - Detailed Inspection MRB Ref: 53.44.03 / 03	534206	12C
53-42-03	Primary Pressure Bulkhead - Detailed Inspection MRB Ref: 53.44.01 / 01 MRB Ref: 53.44.01 / 02 MRB Ref: 53.44.01 / 03 MRB Ref: 53.44.01 / 04	534207	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Above Floor (Dry Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.01 / 01	534500	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Above Floor (Wet Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.01 / 02	534501	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Below Floor (Dry Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.02 / 01	534502	12C
53-45-00	Aft Mid Auxiliary Pressure Floor Structures Below Floor (Wet Areas) FS 739 - FS 805.5 - Detailed Inspection MRB Ref: 53.45.02 / 02	534503	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-45-00	Baggage Floor Structures Below Floor FS 805.5 - FS 886 - Detailed Inspection MRB Ref: 53.45.05 / 01	534504	16C
53-46-00	APU Enclosure FS 886 - FS 951.31 - General Visual Inspection MRB Ref: 53.46.00 / 01	534600	4C
53-47-00	Engine Mount Installation FS 886 - FS 951.31 - Detailed Inspection MRB Ref: 53.47.00 / 01 MRB Ref: 53.47.00 / 02 MRB Ref: 53.47.00 / 03	534700	12C
53-48-00	Baggage Compartment Forward Electronic Equipment Rack Internal - Zonal Inspection MRB Ref: 53-200-07 MRB Ref: 53-200-HIRF-09	534800	6C
53-48-00	Baggage Compartment Forward Electronic Equipment Rack Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-08	534801	6C
53-48-00	Baggage Compartment Aft Electronic Equipment Rack Internal - Zonal Inspection MRB Ref: 53-200-08	534802	6C
53-48-00	Baggage Compartment Aft Electronic Equipment Rack Cleaning and Dust Removal - Enhanced Zonal Inspection MRB Ref: 53-200-EZIP-09	534803	6C
53-48-00	Water Supply Cabinet Internal - Zonal Inspection MRB Ref: 53-200-09	534804	8C
53-50-00	APU and Aft Fuselage Below Floor - Zonal Inspection MRB Ref: 53-300-02 MRB Ref: 53.41.04 / 02	535000	4C
53-50-00	APU Interior and Exterior Enclosure - Zonal Inspection MRB Ref: 24-20-00-02 MRB Ref: 53-300-03	535001	2C
53-50-00	Aft Fuselage Below Floor FS 951.31 - FS 1071.75 - Zonal Inspection MRB Ref: 53-300-04	535002	12C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-50-00	Aft Fuselage Above Floor FS 886 - FS 1083.46 - Zonal Inspection MRB Ref: 29-20-00-01 MRB Ref: 29-20-00-02 MRB Ref: 49-16-00-01 MRB Ref: 49-16-00-02 MRB Ref: 53-300-05 MRB Ref: 53.41.03 / 03 MRB Ref: 53.51.00 / 03	535003	2C
53-50-00	Aft Fuselage Internal Tail Cone - Zonal Inspection MRB Ref: 53-300-06	535004	16C
53-51-00	Aft Fuselage Above Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.00 / 02	535100	12C
53-51-00	Aft Fuselage Interior Below Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.02 / 02	535101	12C
53-51-00	Tail Compartment Stringers 6 and 20 Splices FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.53.00 / 01	535102	8C
53-51-00	Aft Fuselage Interior Above Floor FS 951.31 - FS 1103.25 - General Visual Inspection MRB Ref: 53.51.01 / 03	535103	12C
~~53-90-00~~	~~Wing to Body Fairing External - Detailed Inspection~~ ~~MRB Ref: 53.90.01 / 02~~ ~~MRB Ref: 53.90.02 / 01~~ ~~MRB Ref: 53.90.03 / 02~~ ~~MRB Ref: 53.90.04 / 02~~	~~539000~~	~~8C~~
~~53-90-00~~	~~Wing to Body Fairing Internal - Detailed Inspection~~ ~~MRB Ref: 53.90.01 / 04~~ ~~MRB Ref: 53.90.02 / 02~~ ~~MRB Ref: 53.90.03 / 04~~ ~~MRB Ref: 53.90.04 / 04~~	~~539001~~	~~8C~~
~~53-90-00~~	~~WTBF and Ram Air Turbine Support Structure and Attachments - General Visual Inspection~~ ~~MRB Ref: 53.90.05 / 01~~	~~539002~~	~~4C~~
~~53-90-00~~	~~WTBF and Ram Air Turbine Support Structure and Attachments - Detailed Inspection~~ ~~MRB Ref: 53.90.05 / 02~~	~~539003~~	~~8C~~
~~53-91-00~~	~~Forward WTBF Interior Surface - General Visual Inspection~~ ~~MRB Ref: 53.90.01 / 03~~	~~539100~~	~~4C~~

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
53-91-00	Ram Air Turbine Enclosure Internal - Zonal Inspection MRB Ref: 53-100-13	539101	8C
53-91-00	Forward WTBF Internal - Zonal Inspection MRB Ref: 53-100-08 MRB Ref: 53.21.02 / 01 MRB Ref: 53.21.02 / 02 MRB Ref: 53.21.02 / 03	539102	8C
53-91-00	Forward WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-05	539103	8C
53-91-00	Forward WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-06	539104	2C
~~53-93-00~~	~~Lower Mid WTBF Interior Surface - General Visual Inspection~~ ~~MRB Ref: 53.90.03 / 03~~	~~539300~~	~~4C~~
53-93-00	Mid WTBF Internal - Zonal Inspection MRB Ref: 53-100-09 MRB Ref: 53-100-14 MRB Ref: 53.21.02 / 01 MRB Ref: 53.21.02 / 02 MRB Ref: 53.21.05 / 02 MRB Ref: 53.31.00 / 02 MRB Ref: 53.35.00 / 03 MRB Ref: 53.35.00 / 04 MRB Ref: 57.10.00 / 05 MRB Ref: 57.10.00 / 06	539301	8C
53-93-00	Mid WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-07	539302	8C
53-93-00	Lower Mid WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-12	539303	2C
~~53-95-00~~	~~Aft WTBF Interior Surfaces - General Visual Inspection~~ ~~MRB Ref: 53.90.04 / 03~~	~~539500~~	~~4C~~
53-95-00	Aft WTBF Internal - Zonal Inspection MRB Ref: 53-100-11 MRB Ref: 53.41.02 / 01 MRB Ref: 53.41.02 / 02 MRB Ref: 53.41.02 / 06	539501	8C
53-95-00	Aft WTBF Internal - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-09	539502	8C
53-95-00	Aft WTBF Drain Holes - Enhanced Zonal Inspection MRB Ref: 53-100-EZIP-10	539503	2C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
54-50-00	Pylons (External) - Zonal Inspection MRB Ref: 54-400-01	545000	8C
54-50-00	Pylons (Internal) - Zonal Inspection MRB Ref: 54-400-02 MRB Ref: ~~54.50.00 / 01~~ MRB Ref: ~~54.50.01 / 01~~	545001	4C
~~54-50-00~~	~~Pylon Panels (External) - General Visual Inspection~~ ~~MRB Ref: 54.50.01 / 02~~	~~545002~~ ~~545003~~	~~4C~~
54-50-00	IDG Feeder Cables and Wiring Installations - Enhanced Zonal Inspection MRB Ref: 54-400-EZIP-01	545004	4C
55-10-00	Horizontal Stabilizer Assembly (External) - General Visual Inspection MRB Ref: 55.10.00 / 04	551002 551003	4C
55-10-00	Horizontal Stabilizer Assembly (External) - Detailed Inspection MRB Ref: 55.10.00 / 05	551004 551005	8C
55-10-00	Horizontal Stabilizer Front Beam - Detailed Inspection MRB Ref: 55.10.00 / 06	551006 551007	16C
55-10-00	Horizontal Stabilizer Rear Beam - Detailed Inspection MRB Ref: 55.10.00 / 07	551008 551009	8C
55-10-00	Horizontal Stabilizer Rub Blocks - General Visual Inspection MRB Ref: 55-11-00-01	551010 551011	5A
55-10-00	Horizontal Stabilizer HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-03	551012 551013	8C
55-10-00	Horizontal Stabilizer Rear Beam HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-04	551014 551015	8C
55-10-00	Horizontal Stabilizer Rub Block / Vertical Fin Rub Strip Gaps - Functional Check MRB Ref: 55-11-00-02	551016	5A
55-10-00	Horizontal Stabilizer Assembly (Internal) - Zonal Inspection MRB Ref: 55-300-05	551017 551018	8C
55-12-00	Horizontal Stabilizer Center Box and Actuator Attachments - Detailed Inspection MRB Ref: 55.10.00 / 01	551200	12C
55-14-00	Horizontal Stabilizer Trailing Edge - Zonal Inspection MRB Ref: 55-300-06	551403 551404	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
55-15-00	Horizontal Stabilizer Elevator Hinge Brackets - Detailed Inspection MRB Ref: 55.10.00 / 02	551500 551501	12C
55-15-00	Horizontal Stabilizer Pivot Fitting - Detailed Inspection MRB Ref: 55.10.00 / 03	551502	12C
55-20-00	Elevator Hinge Brackets at Interior of Elevator - Detailed Inspection MRB Ref: 55.20.00 / 02	552006 552007	16C
55-20-00	Elevator (External) - Detailed Inspection MRB Ref: 55.20.00 / 03	552008 552009	4C
55-20-00	Elevator (Internal) Nonmetal Parts - Detailed Inspection MRB Ref: 55.20.00 / 04	552010 552011	16C
55-23-00	Elevator Hinge - Detailed Inspection MRB Ref: 55.20.00 / 01	552300 552301	8C
55-30-00	Vertical Stabilizer Interior of Fin Cap / Rear Bullet Fairings - Zonal Inspection MRB Ref: 55-300-02	553003	8C
55-30-00	Vertical Stabilizer Rear Spar Aft Face - Zonal Inspection MRB Ref: 55-300-04	553005	8C
55-30-00	Vertical Stabilizer (External) - General Visual Inspection MRB Ref: 55.30.00 / 01	553006	4C
55-30-00	Vertical Stabilizer Assembly (Internal) - Detailed Inspection MRB Ref: 55.30.00 / 02	553007	12C
55-30-00	Vertical Stabilizer HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-01	553008	8C
55-30-00	Vertical Stabilizer Rear Beam HIRF/L - Detailed Inspection MRB Ref: 55-300-HIRF-02	553009	8C
55-31-00	Vertical Stabilizer Interior of Leading Edge - Zonal Inspection MRB Ref: 55.00.01 / 02 MRB Ref: 55-300-01	553100	16C
55-32-00	Vertical Stabilizer Box Section Internal Structure - Zonal Inspection MRB Ref: 55-300-03	553200	8C
55-32-00	Vertical Stabilizer Box Section (Internal) Flight Controls - Enhanced Zonal Inspection MRB Ref: 55-300-EZIP-01	553201	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
55-35-00	Vertical Stabilizer Pivot Lugs and Interface - Detailed Inspection MRB Ref: 55.30.00 / 04	553500	8C
55-35-00	Vertical Stabilizer (Internal) Boomerang Fittings - Detailed Inspection MRB Ref: 55.30.00 / 05 MRB Ref: 55.30.00 / 06	553501	12C
55-40-00	Vertical Stabilizer Rudder Hinges and Support Fittings - Detailed Inspection MRB Ref: 55.30.00 / 03	554000	12C
55-40-00	Rudder Assembly Hinge Brackets and Swivel Links - Detailed Inspection MRB Ref: 55.40.00 / 01	554001	8C
55-40-00	Rudder (External) - Detailed Inspection MRB Ref: 55.40.00 / 02	554002	4C
55-40-00	Rudder Assembly Front Beam (Internal) - Detailed Inspection MRB Ref: 55.40.00 / 03	554003	16C
56-21-01	Cabin Windows - Detailed Inspection MRB Ref: 56-10-00-02	562164	8C
56-40-00	Primary and Auxiliary Pressure Bulkhead Viewport - Operational Check MRB Ref: 56-10-00-01	564000	2C
57-00-00	Wing (Internal) - Zonal Inspection MRB Ref: 28-20-00-01 MRB Ref: 57-500-06 MRB Ref: 57-600-06	570003 570004	8C
57-00-00	Wing (Internal) Wiring Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-02 MRB Ref: 57-600-EZIP-02	570005 570006	8C
57-00-00	Wing (Upper Surface External) From WTBFs to Winglets - Zonal Inspection MRB Ref: 57.10.00 / 05 MRB Ref: 57-500-04 MRB Ref: 57-600-04	570007 570008	6C
57-00-00	Wing (Lower Surface External) From WTBFs to Winglets - Zonal Inspection MRB Ref: 57.10.00 / 06 MRB Ref: 57-500-05 MRB Ref: 57-600-05	570009 570010	2C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
57-00-00	Wing (External) Flaps, Spoilers and Ailerons - Zonal Inspection MRB Ref: 57-500-09 MRB Ref: 57.55.00 / 02 MRB Ref: 57-600-09 MRB Ref: 57.60.00 / 02	570011 570012	2C
57-10-00	Wing Forward Spar Splices (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 02	571021 571022	16C
57-10-00	Wing Aft Spars, Splices and Spar Cans (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 03	571023 571024	12C
57-10-00	Wing Aft Spar Splices (External) Surfaces - Detailed Inspection MRB Ref: 57.10.00 / 04	571025 571026	12C
57-10-00	Wing Tank (Internal) BL 0 - RBS 135 - Detailed Inspection MRB Ref: 57.10.00 / 08 MRIP	571027 571028	4C
57-10-00	Wing Tank (Internal) RBS 135 - WS 551 - Detailed Inspection MRB Ref: 57.10.00 / 09 MRIP	571029 571030	8C
57-10-05	Main Landing Gear Sponsons and Support Fittings - Detailed Inspection MRB Ref: 57.10.00 / 12 **NOTE:** At trunnion pin removal. Not to exceed 4C.	571031 571032	Note
57-12-00	Wing Rear Beam Wiring Harness Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-03 MRB Ref: 57-600-EZIP-03	571200 571201	2C
57-12-00	Wing Drain Holes - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-04 MRB Ref: 57-600-EZIP-04	571202 571203	2C
57-12-00	Wing Rear Beam Spar and Aileron - Zonal Inspection MRB Ref: 57-500-07 MRB Ref: 57-600-07	571204 571205	4C
57-12-00	Wing Rear Spar / Flap / Spoiler - Zonal Inspection MRB Ref: 57.10.00 / 11 MRB Ref: 57-500-10 MRB Ref: 57-600-10	571206 571207	2C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
57-12-00	Wing Rear Beam RBS 135.66 - RBS 441 HIRF/L - Detailed Inspection MRB Ref: 57-500-HIRF-02 MRB Ref: 57-600-HIRF-02	571208 571209	2C
57-12-00	Wing Rear Beam RBS 441 - RBS 534 HIRF/L - Detailed Inspection MRB Ref: 57-500-HIRF-01 MRB Ref: 57-600-HIRF-01	571210 571211	8C
57-16-05	Wing to Fuselage, Floor Support and WTBF Fittings - Detailed Inspection MRB Ref: 57.10.00 / 10	571600 571601	6C
57-19-00	Wing to Wing Mate (External) Splices and Skegs - Detailed Inspection MRB Ref: 57.10.00 / 07	571900 571901	8C
57-32-00	Winglet (Internal) - Zonal Inspection MRB Ref: 57-500-12 MRB Ref: 57-600-12	573204 573205	16C
57-32-00	Winglet Exterior Surfaces - Zonal Inspection MRB Ref: ~~57.30.00 / 01~~ MRB Ref: 57-500-11 MRB Ref: 57-600-11	573206 573207	6C
~~57-32-00~~	~~Winglet Inboard Rib and Wing Attaching Structures (Visible Portions) - Detailed Inspection~~ ~~MRB Ref: 57.30.00 / 02~~	~~573208~~ ~~573209~~	~~16C~~
~~57-32-00~~	~~Winglet Skins (Exterior) Surfaces - Detailed Inspection~~ ~~MRB Ref: 57.30.00 / 03~~	~~573210~~ ~~573211~~	~~8C~~
57-40-00	Wing Leading Edge Wiring Installations - Enhanced Zonal Inspection MRB Ref: 57-500-EZIP-01 MRB Ref: 57-600-EZIP-01	574020 574021	8C
57-40-00	Wing Leading Edge (Internal) - Zonal Inspection MRB Ref: 57.10.00 / 01 MRB Ref: 57-500-02 MRB Ref: 57-600-02	574022 574023	16C
57-40-00	Wing Leading Edge With Gap Bands Removed - Zonal Inspection MRB Ref: 57-500-03 MRB Ref: 57-600-03	574024 574025	8C

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
57-40-00	Wing Leading Edge and Gap Bands (External) - Zonal Inspection MRB Ref: ~~57.40.00 / 01~~ MRB Ref: 57-500-01 MRB Ref: 57-600-01	574026 574027	2C
~~57-40-00~~	~~Leading Edge Structures (Internal) Surfaces - Detailed Inspection~~ ~~MRB Ref: 57.40.00 / 02~~	~~574028~~ ~~574029~~	~~16C~~
~~57-40-00~~	~~Wing Inboard Leading Edge Fixed Skins and Access Panels - Detailed Inspection~~ ~~MRB Ref: 57.40.00 / 03~~	~~574030~~ ~~574031~~	~~8C~~
57-50-00	Wing Trailing Edge Box (Interior) - Zonal Inspection MRB Ref: 57-500-08 MRB Ref: 57-600-08	575006 575007	8C
57-50-00	Wing Flight Control Attach Fittings - Detailed Inspection MRB Ref: 57.50.00 / 01	575008 575009	12C
57-50-00	Inboard / Outboard Fixed Trailing Edges and Cove Panels - Detailed Inspection MRB Ref: 57.50.00 / 02	575010 575011	12C
57-53-00	Flap Upper Surface - Detailed Inspection MRIP	575301 575302	2C
57-53-00	Flap Fittings - Detailed Inspection MRB Ref: 57.55.00 / 01	575307 575308	12C
57-60-00	Aileron Hinge Fittings and Forward Spar - Detailed Inspection MRB Ref: 57.60.00 / 01	576000 576001	12C
57-70-00	Spoiler Hinge Fittings - Detailed Inspection MRB Ref: 57.70.00 / 01	577000 577001	12C
57-70-00	Spoiler Panels - Detailed Inspection MRB Ref: 57.70.00 / 02	577002 577003	8C
71-00-00	Nacelle, T/Rev and Exhaust External (Viewed From Platform) - Zonal Inspection MRB Ref: 71-400-01 MRB Ref: 78-32-00-05 MRIP **NOTE:** 4A or 4C, whichever occurs first.	710035 710036	Note
71-00-00	Engine Maintenance Program Declaration MRIP **NOTE:** One time inspection	710039	1A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
71-10-00	Engine Upper and Lower Cowl Doors - General Visual Inspection MRB Ref: 71-13-00-06	711000 711001	2A
71-10-00	Engine Internal - Zonal Inspection MRB Ref: 30-21-00-01 MRB Ref: 71-11-00-03 MRB Ref: 71-13-00-01 MRB Ref: 71-13-00-02 MRB Ref: 71-13-00-03 MRB Ref: 71-13-00-04 MRB Ref: 71-13-00-05 MRB Ref: 71-14-00-02 MRB Ref: 71-14-00-03 MRB Ref: 71-400-03 MRB Ref: 73-12-00-01 MRB Ref: 78-32-00-04 MRIP **NOTE:** 2A or 4C, whichever occurs first.	711002 711003	Note
71-10-00	Engine Lower Fan Cowl Door - Enhanced Zonal Inspection MRB Ref: 54-400-EZIP-02 MRIP **NOTE:** 2A or 4C, whichever occurs first.	711004 711005	Note
71-11-00	Inlet Cowl - General Visual Inspection MRB Ref: 71-11-00-01 MRB Ref: 71-11-00-02	711104 711105	2A
71-11-00	Nose Cowl Structure FS 828.3 - FS 860.08 - Zonal Inspection MRB Ref: 71-400-02	711106 711107	16C
71-14-00	Engine Fixed Cowl - Detailed Inspection MRB Ref: 71-14-00-01	711406 711407	2A
71-20-00	Engine Attach Pins and Bolts - Detailed Inspection MRB Ref: 71.24.00 / 01 **NOTE:** At engine removal. Not to exceed 16C.	712000 712001	Note
71-21-01	Forward Engine Mount - Detailed Inspection MRB Ref: 71.21.00 / 01	712128 712129	16C
71-21-01	Forward Engine Mount Thrust Pin and Sleeve - Detailed Inspection MRB Ref: 71.21.11 / 01 MRB Ref: 71.21.11 / 02 **NOTE:** At engine removal. Not to exceed 16C.	712130 712131	Note

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
71-21-01	Thrust and Alignment Strut Assemblies External - Detailed Inspection MRB Ref: 71.23.01 / 01	712132 712133	16C
71-21-01	Thrust and Alignment Strut Assemblies Internal - Special Detailed Inspection MRB Ref: 71.23.01 / 02	712134 712135	16C
71-22-00	Aft Engine Mount Strut Assemblies External - Detailed Inspection MRB Ref: 71.22.00 / 01	712226 712227	16C
71-22-00	Aft Engine Mount Strut Assemblies Internal - Special Detailed Inspection MRB Ref: 71.22.00 / 02	712228 712229	16C
71-23-00	Link Assemblies - Detailed Inspection MRB Ref: 71.21.11 / 03 MRB Ref: 71.21.11 / 04	712398 712399	16C
71-71-03	Drains Tubes and Fittings - Detailed Inspection MRB Ref: 71-71-00-01	717108	2A
72-00-00	Combustion Section - Special Detailed Inspection MRB Ref: 72-41-00-01 **NOTE:** Threshold inspection at 5A Time Since New or 3A Time Since M41 Level 3. Recurring interval at 2A.	720006	Note
72-00-00	HP Turbine - Special Detailed Inspection MRB Ref: 72-41-00-03 MRB Ref: 72-41-00-04 **NOTE:** Threshold inspection at 5A Time Since New or 3A Time Since M41 Level 3. Recurring interval at 2A.	720007	Note
72-03-00	Core Fairing Fireseals - General Visual Inspection MRB Ref: 72-13-00-01 **NOTE:** Whenever HPC and combustor fairings are removed.	720300	Note
72-31-02	LP Compressor Fan Blades - Detailed Inspection MRB Ref: 72-31-00-02	723101	1A
72-32-00	LP Compressor Outlet Guide Vanes, Fan Air Splitter and Engine Section Stators - Detailed Inspection MRB Ref: 72-32-00-01 MRB Ref: 72-32-00-02	723200	8A
72-32-00	Intermediate Case - Detailed Inspection MRB Ref: 72-32-00-03 **NOTE:** At engine removal. Not to exceed 20C.	723201	Note

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
72-34-01	LP Compressor Case Outer Surface - Detailed Inspection MRB Ref: 72-31-00-06	723400	10C
72-34-01	LP Compressor Case Inner Surface - General Visual Inspection MRB Ref: 72-31-00-05	723401	1A
72-38-01	LP Compressor Intake Rotating Fairing - General Visual Inspection MRB Ref: 72-31-00-01	723806	1A
72-56-13	Rear Mount Ring - Detailed Inspection MRB Ref: 72-56-00-02	725603	20C
72-56-14	LP Turbine Fuel Shut-off Cable - Special Detailed Inspection MRB Ref: 72-51-00-03 MRB Ref: 72-56-00-01 MRB Ref: 73-12-00-02	725606	20C
72-71-02	Bypass Duct - General Visual Inspection MRB Ref: 72-71-00-02	727102	8A
72-71-02	Engine Bypass Duct Internal FS 894.6 - FS 950.3 - Zonal Inspection MRB Ref: 71-400-04 MRB Ref: 72-71-00-01 MRIP **NOTE:** 8A or 16C, whichever occurs first	727103	Note
78-00-00	Engine Exhaust - General Visual Inspection MRB Ref: 72-56-00-03	780001	1A
78-31-00	T/Rev - General Visual Inspection MRB Ref: 78-32-00-03	783110 783111	4A
78-31-00	T/Rev and Exhaust Internal - Zonal Inspection MRB Ref: 71-400-05 MRB Ref: 78-32-00-01 MRB Ref: 78-32-00-02 MRB Ref: 78-32-00-05 MRIP **NOTE:** 4A or 4C, whichever occurs first.	783112 783113	Note
78-31-00	T/Rev HIRF/L - Detailed Inspection MRB Ref: 78-400-HIRF-01 MRIP **NOTE:** 4A or 8C, whichever occurs first.	783114 783115	Note
79-21-02	Oil System Pressure Filter Element - Discard MRB Ref: 79-21-00-01	792106	2A

Table 33: ATA Cross Reference

ATA Ref	Description	CMP Ref	Initial / Repeat
79-21-04	Magnetic Chip Detectors - Detailed Inspection MRB Ref: 72-32-00-04 MRB Ref: 72-41-00-05 MRB Ref: 72-51-00-04 MRB Ref: 72-61-00-01	792109 792110 792111	1A
80-11-01	Air Turbine Starter Magnetic Chip Collector - Detailed Inspection MRB Ref: 80-11-00-02	801104	1A
80-11-01	Air Turbine Starter - General Visual Inspection MRB Ref: 80-11-00-03	801118	1A

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