



AIRCRAFT WIRING MANUAL

Document Number: **AS-AWM-01-000**

Date of Issue: **07. 08. 2017**

Aircraft Type: **WT9 Dynamic LSA**

Model: **Club**

Type Certificate Number: **EASA.A.644**

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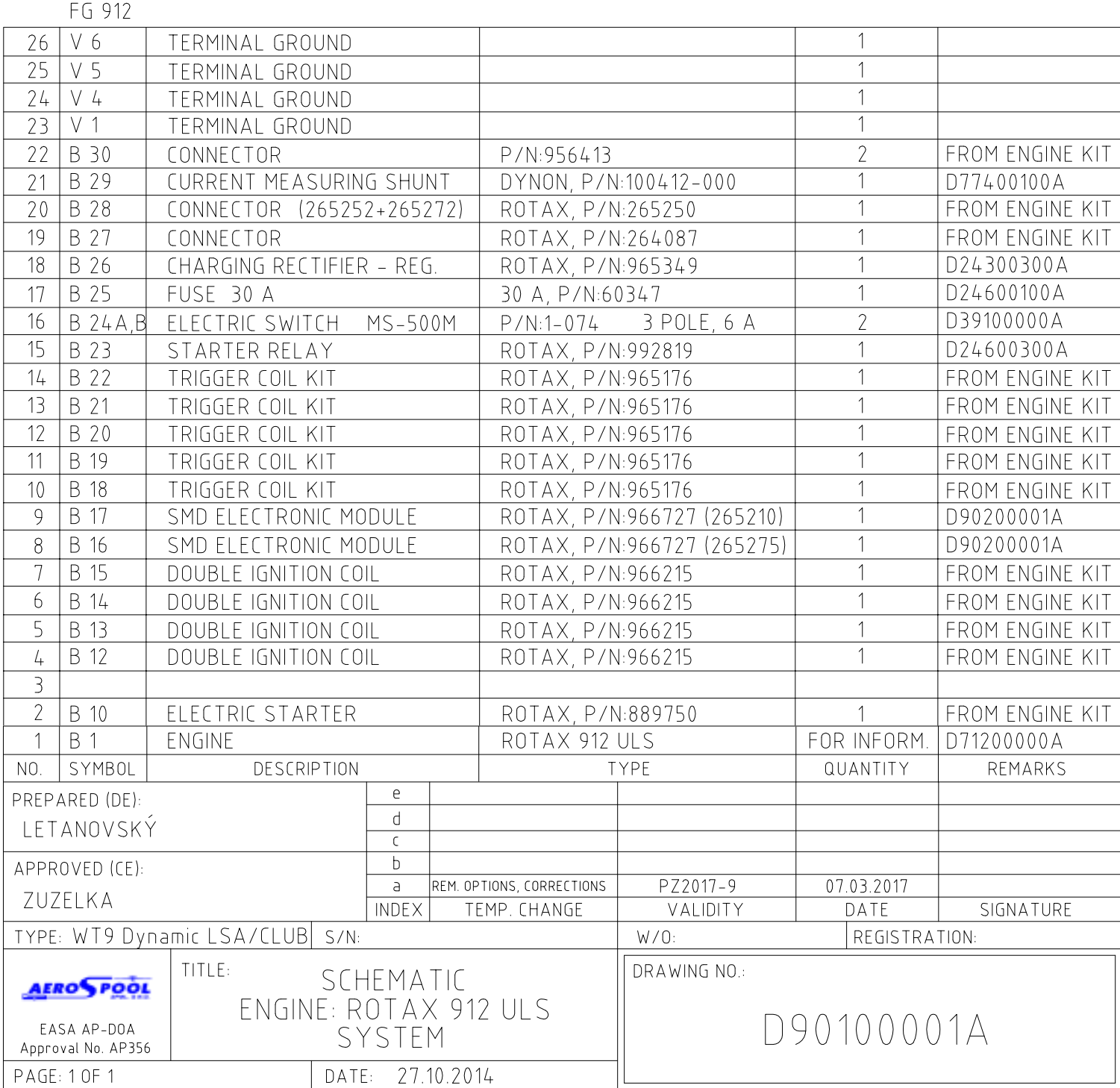
LIST OF WIRING DIAGRAMS

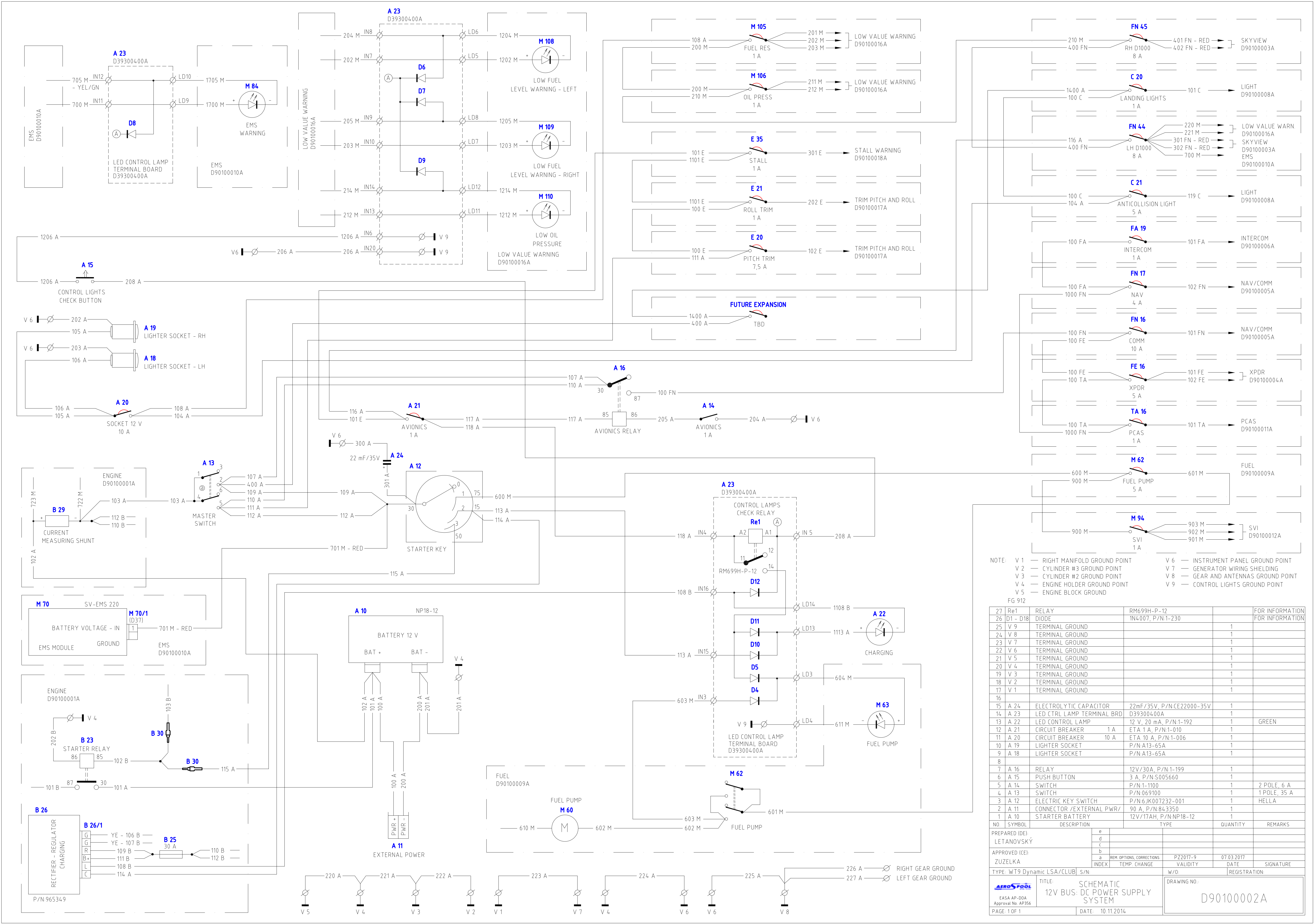
Configuration FG912 (Propeller EVRA PerformanceLine 175/xxx/805.5):

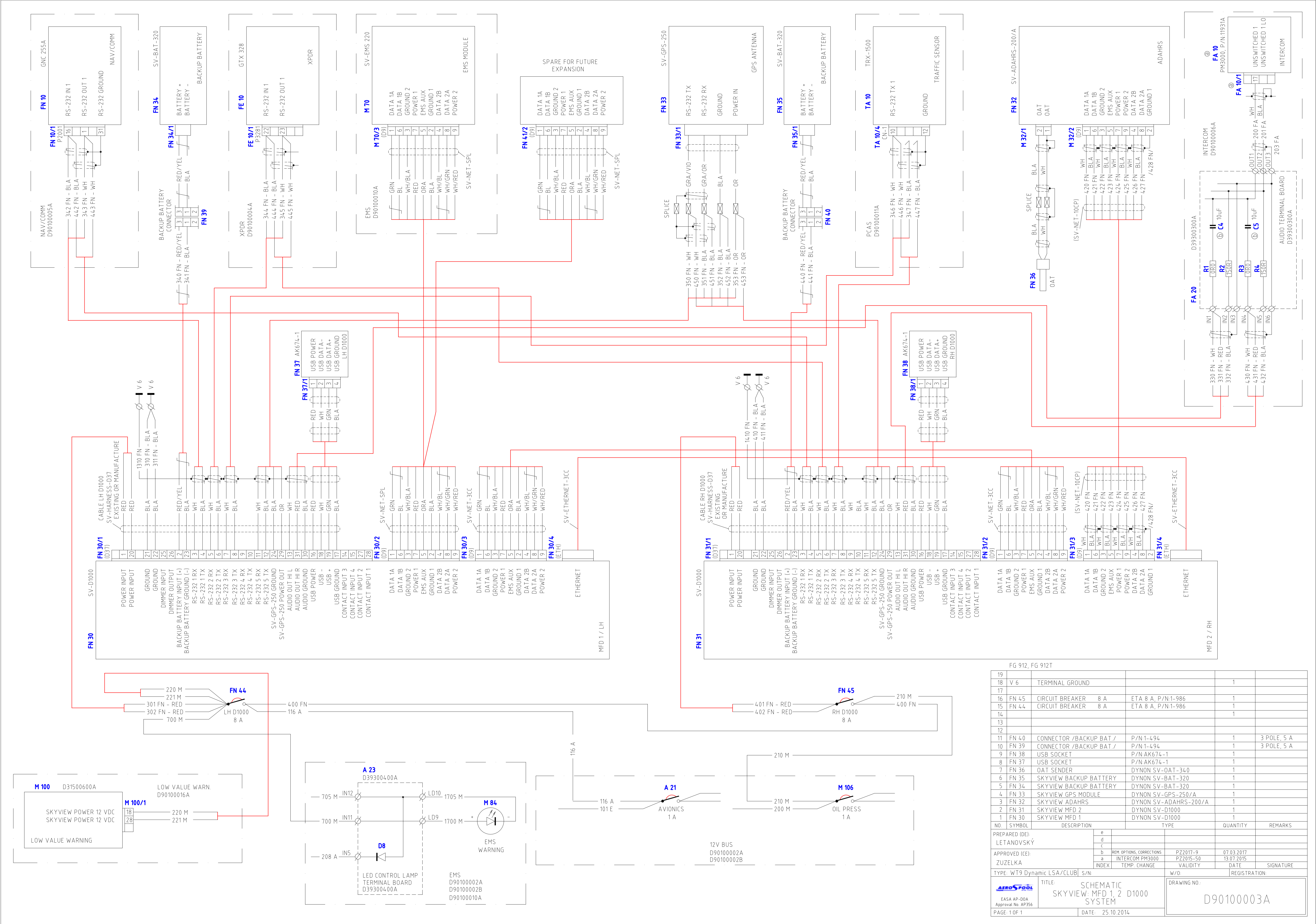
Drawing No.	Rev.	Date of Revision	Sheets	Title
D90100001A	a	07.03.2017	1	Schematic Engine: Rotax 912 ULS System
D90100002A	a	07.03.2017	1	Schematic 12V Bus: DC Power Supply System
D90100003A	b	07.03.2017	1	Schematic Skyview: MFD 1,2 D1000 System
D90100004A	b	07.03.2017	1	Schematic XPDR: GTX 328 with Encoder System
D90100005A	b	07.03.2017	1	Schematic NAV/COMM: GNC 255A System
D90100006A	b	07.03.2017	1	Schematic INTERCOM: PM3000 System
D90100007A	a	18.08.2016	1	Schematic ELT: Kannad 406 AF-Compact System
D90100008A	b	06.07.2017	1	Schematic Landing and Position Lights
D90100009A	-	27.10.2014	1	Schematic Fuel System
D90100010A	a	07.03.2017	1	Schematic EMS: SV-EMS 220 System
D90100011A	-	06.05.2014	1	Schematic Traffic Sensor: TRX-1500 System
D90100012A	-	10.11.2014	1	Schematic: Single Value Instruments
D90100016A	a	07.03.2017	1	Schematic Low Value Warning System
D90100017A	a	07.03.2017	1	Schematic: Trim Pitch and Roll System
D90100018A	-	06.03.2017	1	Schematic: Stall Warning System

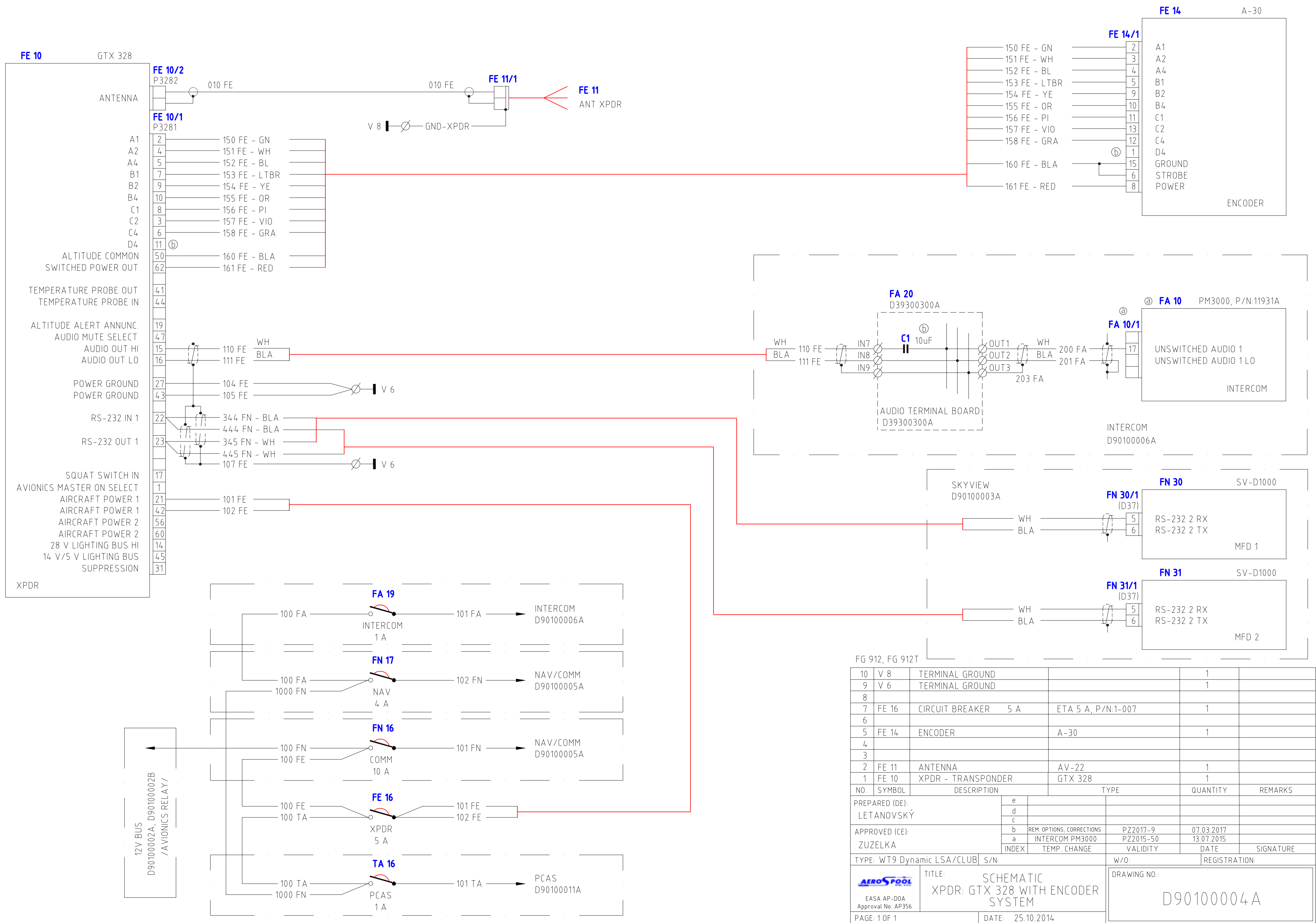
Configuration FG912T (Propeller KW-31, Towing Equipment):

Drawing No.	Rev.	Date of Revision	Sheets	Title
D90100001B	b	12.04.2018	1	Schematic Engine System /Rotax 912 ULS/
D90100002B	b	12.04.2018	1	Schematic DC Power Supply System /12V Bus/
D90100003B	c	12.04.2018	1	Schematic PFD and MFD System /SkyView D1000/
D90100004B	-	12.04.2018	1	Schematic XPDR System /GTX 328 with Encoder/
D90100005B	-	12.04.2018	1	Schematic NAV/COMM System /GNC 255A/
D90100006B	-	12.04.2018	1	Schematic INTERCOM System /PM3000/
D90100007A	a	18.08.2016	1	Schematic ELT System /Kannad 406 AF-Compact/
D90100008B	-	12.04.2018	1	Schematic Landing and Position Lights /V-4.5W MR16-W, AVE-WPSTR-20D MOD(1)/
D90100009B	-	12.04.2018	1	Schematic Fuel System /Model E1F/
D90100010B	b	12.04.2018	1	Schematic EMS System /SV-EMS 220 – without A. RPM/
D90100011B	-	12.04.2018	1	Schematic Traffic Sensor System /TRX-1500/
D90100012B	a	12.04.2018	1	Schematic Single Value Instruments /without Analog RPM/
D90100014B	a	12.04.2018	1	Schematic Constant Speed System /PR1P/
D90100016B	-	12.04.2018	1	Schematic Low Value Warning System /D31500600A/
D90100017B	-	12.04.2018	1	Schematic Trim Pitch and Roll System /D27101900A, D27304600A/
D90100018B	-	12.04.2018	1	Schematic Stall Warning System /AoA + ACI + Shaker/
D90100019B	a	12.04.2018	1	Schematic Camera Back View System /MCU 32 – Model SE-UL40-M/



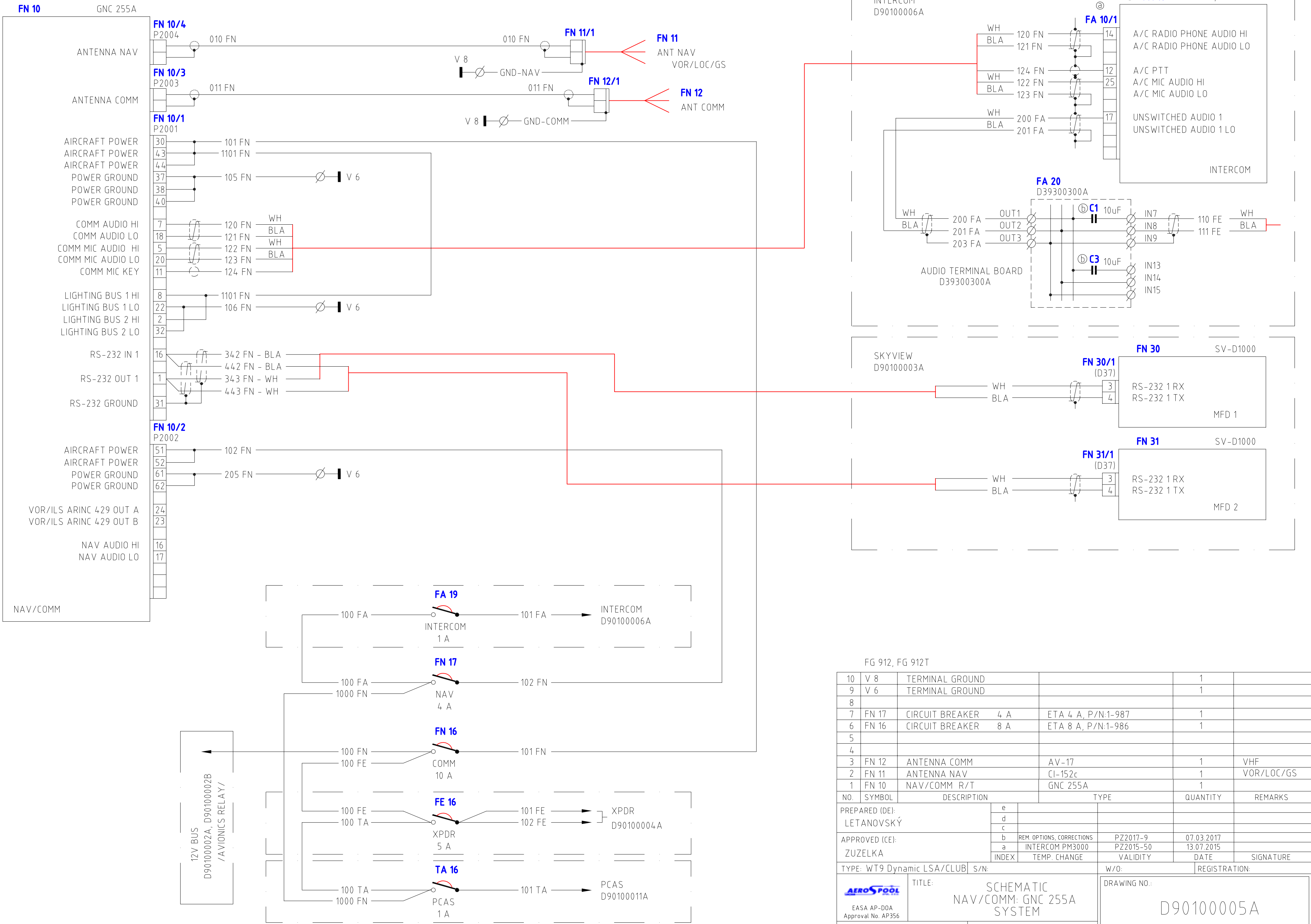






FG 912, FG 912T

10	V 8	TERMINAL GROUND		1	
9	V 6	TERMINAL GROUND		1	
8					
7	FE 16	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
6					
5	FE 14	ENCODER	A-30	1	
4					
3					
2	FE 11	ANTENNA	AV-22	1	
1	FE 10	XPDR - TRANSPONDER	GTX 328	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017
ZUZELKA		a	INTERCOM PM3000	PZ2015-50	13.07.2015
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB		S/N:	W/O:	REGISTRATION:	
AEROSPOOL		TITLE:		DRAWING NO.:	
EASA AP-DOA		XPDR: GTX 328 WITH ENCODER		D90100004A	
Approval No. AP356		SYSTEM			
PAGE: 1 OF 1		DATE: 25.10.2014			



FG 912, FG 912T					
10	V 8	TERMINAL GROUND		1	
9	V 6	TERMINAL GROUND		1	
8					
7	FN 17	CIRCUIT BREAKER 4 A	ETA 4 A, P/N:1-987	1	
6	FN 16	CIRCUIT BREAKER 8 A	ETA 8 A, P/N:1-986	1	
5					
4					
3	FN 12	ANTENNA COMM	AV-17	1	VHF
2	FN 11	ANTENNA NAV	CI-152c	1	VOR/LOC/GS
1	FN 10	NAV/COMM R/T	GNC 255A	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017
ZUZELKA		a	INTERCOM PM3000	PZ2015-50	13.07.2015
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
AEROSPOOL			TITLE: SCHEMATIC NAV/COMM: GNC 255A SYSTEM		DRAWING NO.: D90100005A
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1			DATE: 25.10.2014		

© FA 10 PM3000, P/N:11931A

FA 10/1

A/C RADIO PHONE AUDIO HI
A/C RADIO PHONE AUDIO LO

A/C PTT
A/C MIC AUDIO HI
A/C MIC AUDIO LO

PILOT PHONE AUDIO (L)
PILOT PHONE AUDIO (R)
PILOT PHONE AUDIO LO

PILOT MIC PTT
PILOT MIC AUDIO HI
PILOT MIC AUDIO LO

COPILOT PHONE AUDIO (L)
COPILOT PHONE AUDIO (R)
COPILOT PHONE AUDIO LO

COPILOT MIC PTT
COPILOT MIC AUDIO HI
COPILOT MIC AUDIO LO

GROUND
POWER IN
LIGHTING CONTROLS
UNSWITCHED AUDIO 1
UNSWITCHED AUDIO 1 LO

MUSIC (L)
MUSIC (R)
MUSIC LO

INTERCOM

FA 17

AUDIO

FA 19

INTERCOM
1 A

FN 17

NAV
4 A

FN 16

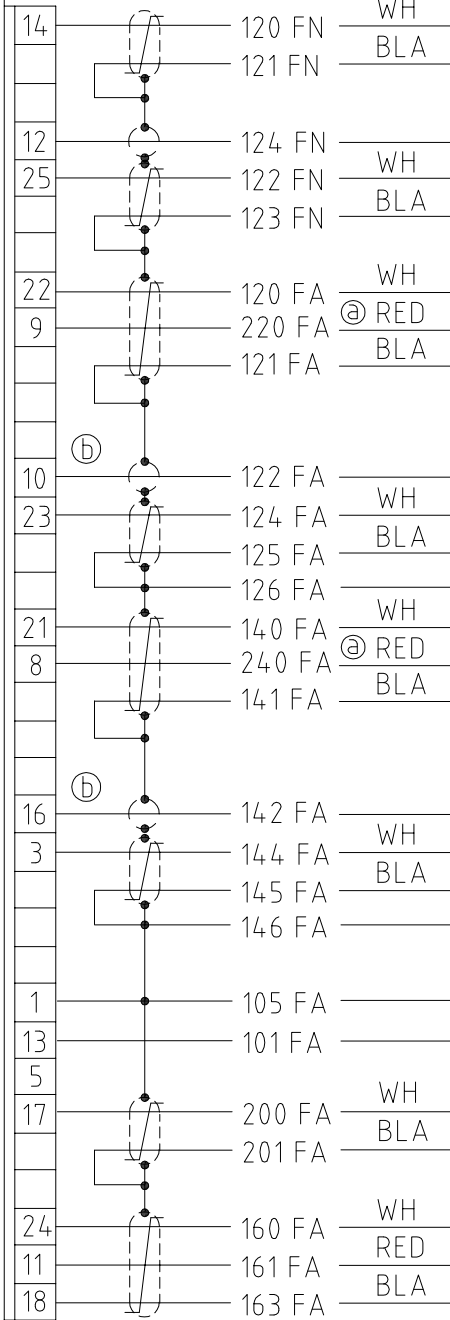
COMM
10 A

FE 16

XPDR
5 A

TA 16

PCAS
1 A



V 6

FA 11

PILOT PTT

FA 12

COPILOT PTT

FA 20

D39300300A

C2 10uF

C1 10uF

C3 10uF

C4 10uF

C5 10uF

R1 0R0

R2 150R

R3 0R0

R4 150R

AUDIO TERMINAL BOARD
D39300300A

FA 13

PILOT
PHONE

FA 15

PILOT
MIC

FA 14

COPILOT
PHONE

FA 16

COPILOT
MIC

FN 10/1
P2001

FN 10

GNC 255A

COM AUDIO HI
COM AUDIO LO

COM MIC KEY
COM MIC AUDIO HI
COM MIC AUDIO LO

FN 10/2
P2002

NAV AUDIO HI
NAV AUDIO LO

NAV/COMM

FE 10/1
P3281

FE 10

GTX 328

AUDIO OUT HI
AUDIO OUT LO

XPDR

FN 30/1
(D37)

FN 30

SV-D1000

AUDIO OUT L
AUDIO OUT R
AUDIO GND

MFD 1

FN 31/1
(D37)

FN 31

SV-D1000

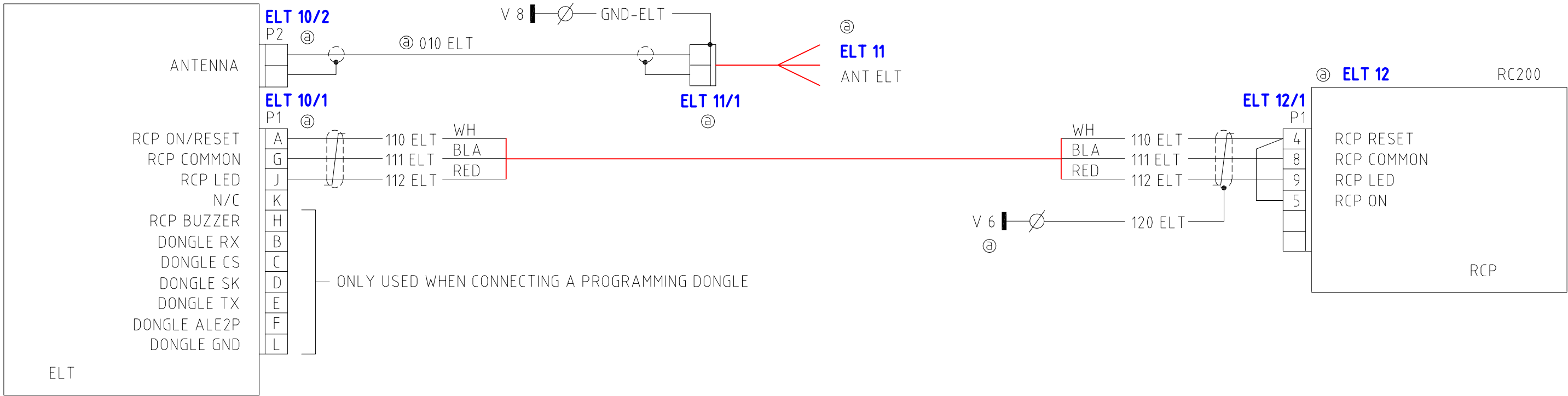
AUDIO OUT L
AUDIO OUT R
AUDIO GND

MFD 2

FG 912, FG 912T

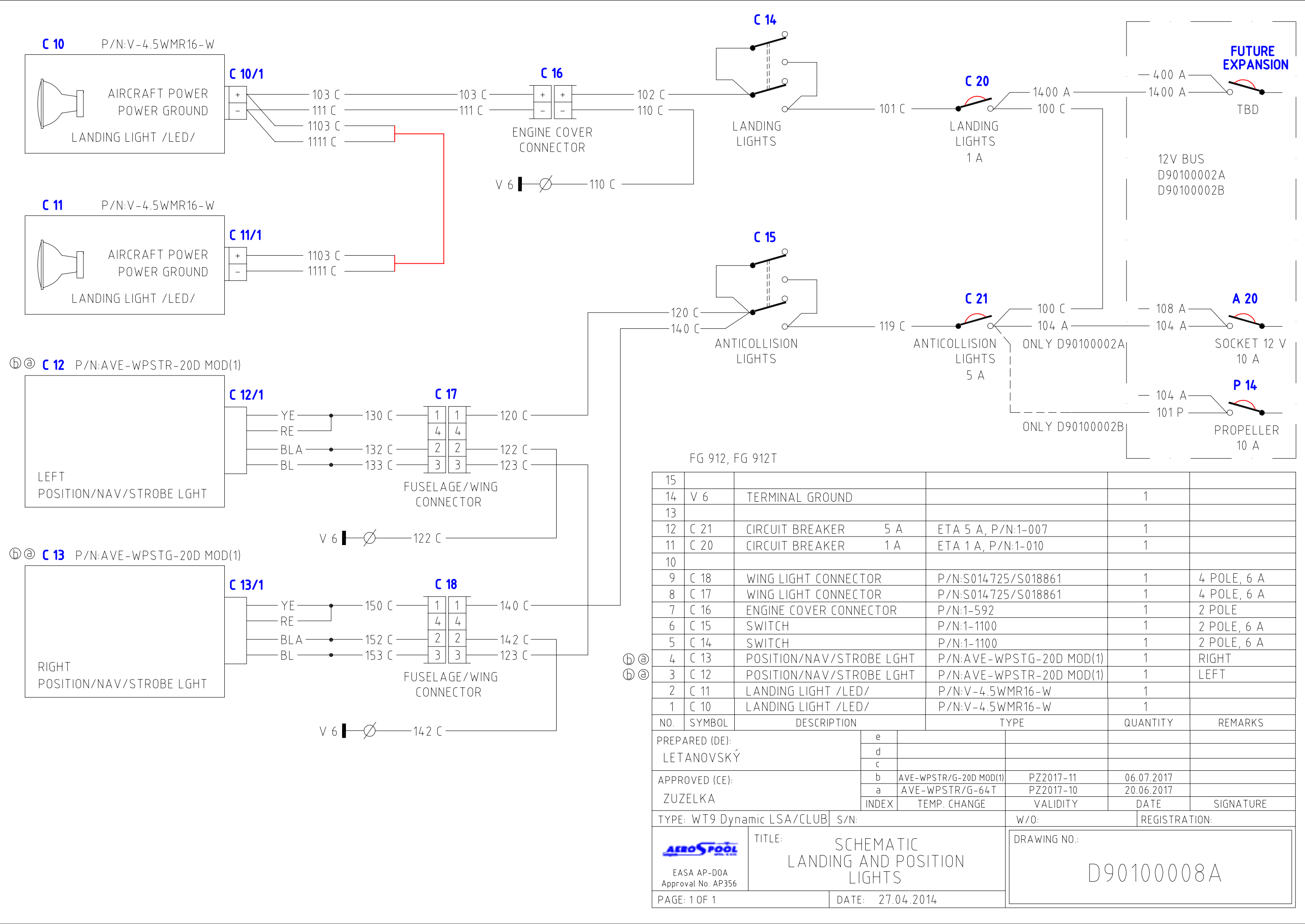
15					
14	V 6	TERMINAL GROUND		1	
13					
12					
11	FA 20	AUDIO TERMINAL BOARD	D39300300A	1	
10	FA 19	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
9					
8	FA 17	AUDIO IN SOCKET	P/N:JC115	1	
7	FA 16	COPILOT MICROPHONE SOCKET	M 641/5-1	1	
6	FA 15	PILOT MICROPHONE SOCKET	M 641/5-1	1	
5	FA 14	COPILOT HEADPHONE SOCKET	STEREO: SWC 12B	1	MONO: M641/6-1
4	FA 13	PILOT HEADPHONE SOCKET	STEREO: SWC 12B	1	MONO: M641/6-1
3	FA 12	COPILOT PTT SWITCH	PUSH BUTTON, P/N:S028546	1	
2	FA 11	PILOT PTT SWITCH	PUSH BUTTON, P/N:S028546	1	
1	FA 10	INTERCOM	PMA3000, P/N:11931A	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017
ZUZELKA		a	INTERCOM PM3000	PZ2015-50	13.07.2015
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB		S/N:		W/O:	REGISTRATION:
AEROSPOOL		TITLE: ©	SCHEMATIC INTERCOM: PM3000 SYSTEM		
EASA AP-D0A Approval No. AP356					DRAWING NO.: D90100006A
PAGE: 1 OF 1		DATE: 25.10.2014			

③ ELT 10 KANAD 406 AF-COMPACT

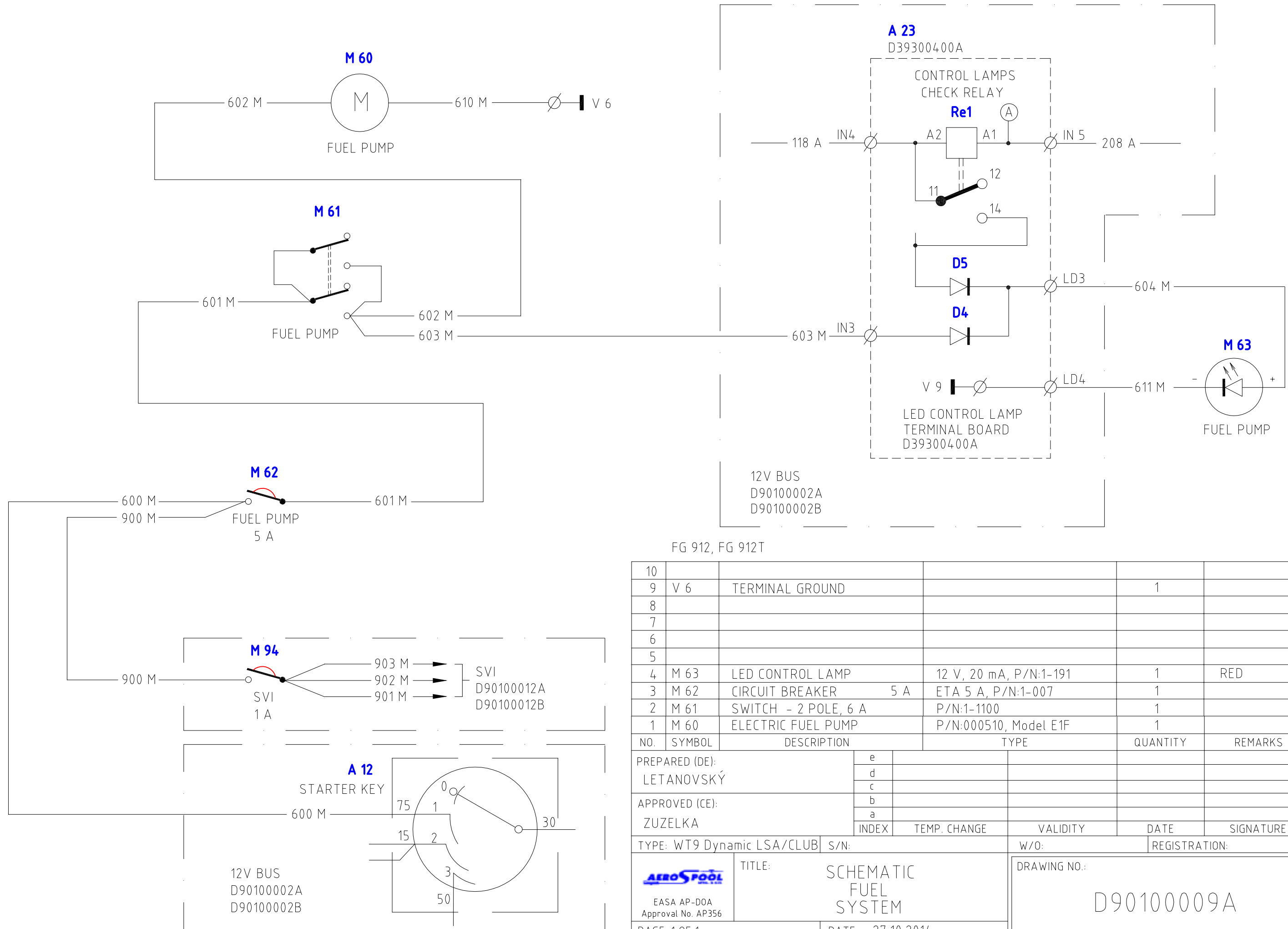


FG 912, FG 912T

10					
9					
8	V 8	TERMINAL GROUND		1	
7	V 6	TERMINAL GROUND		1	
6					
5					
4					
3	ELT 12	REMOTE CONTROL PANEL	RC200	1	
2	ELT 11	ANTENNA	AV-100	1	RAMI
1	ELT 10	ELT	KANAD 406 AF-COMPACT	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b			
ZUZELKA		a	KANAD 406 AF-COMP.	PZ2016-20	18.08.2016
		INDEX	TEMP. CHANGE	VALIDITY	SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
EASA AP-DOA Approval No. AP356		TITLE: ③ SCHEMATIC ELT: KANNAD 406 AF-COMPACT SYSTEM			DRAWING NO.: D90100007A
PAGE: 1 OF 1		DATE: 30.08.2016			

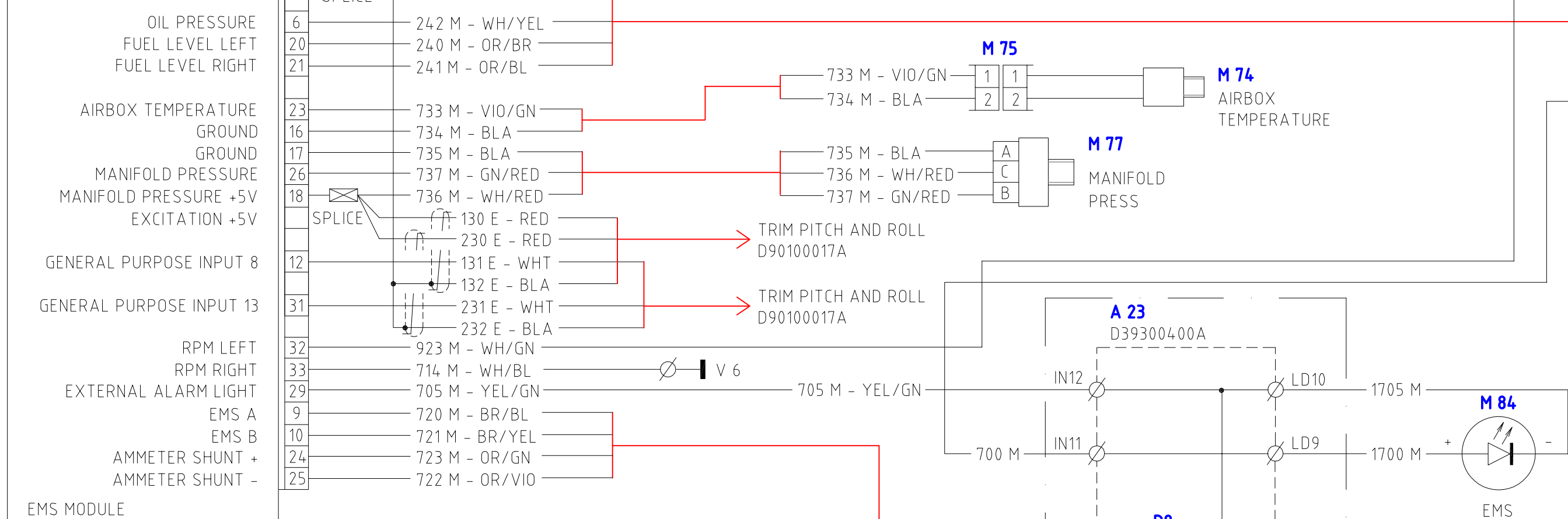
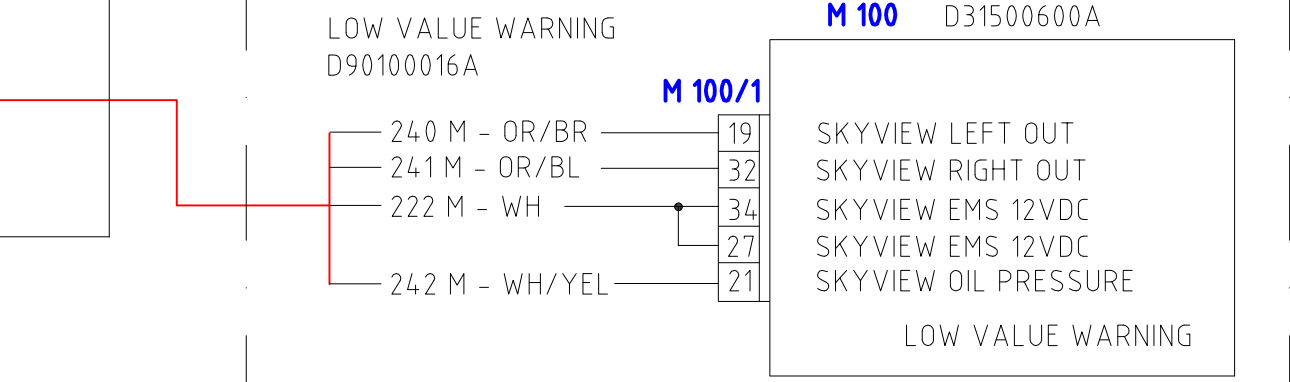
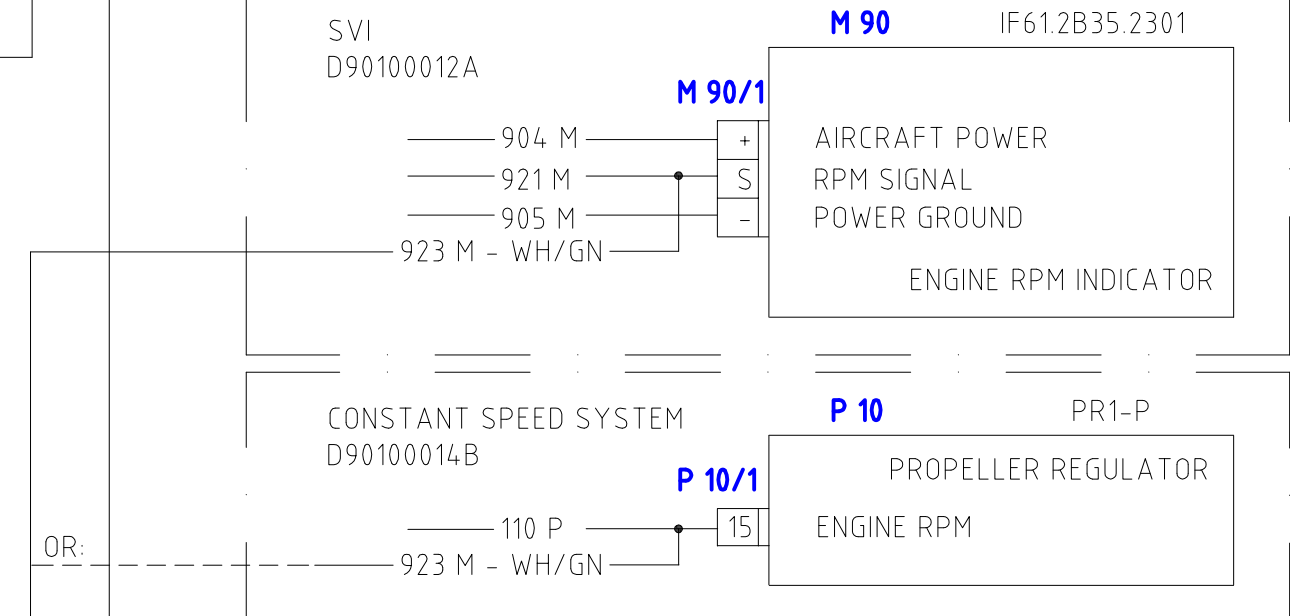
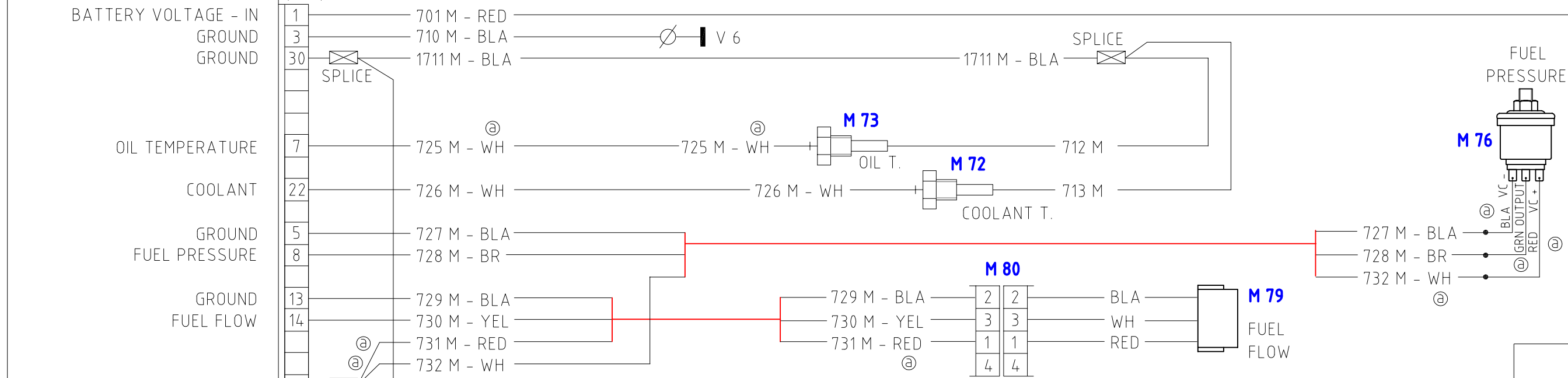
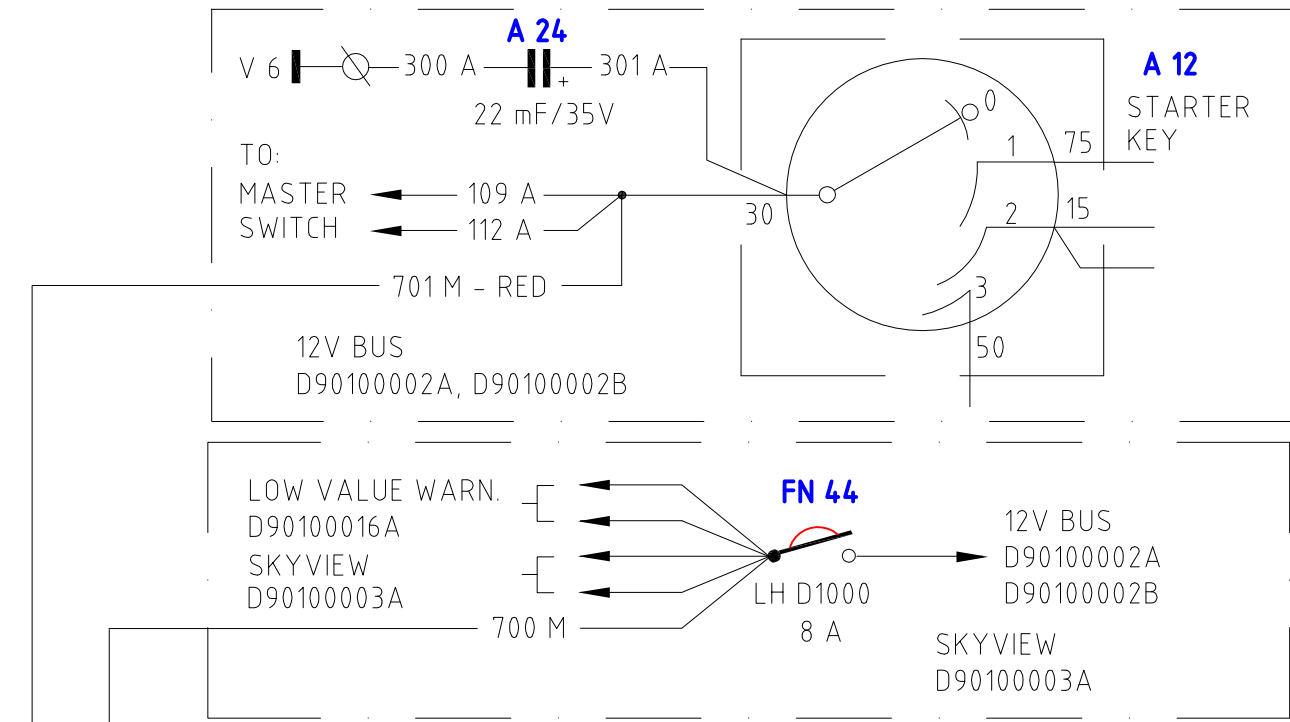
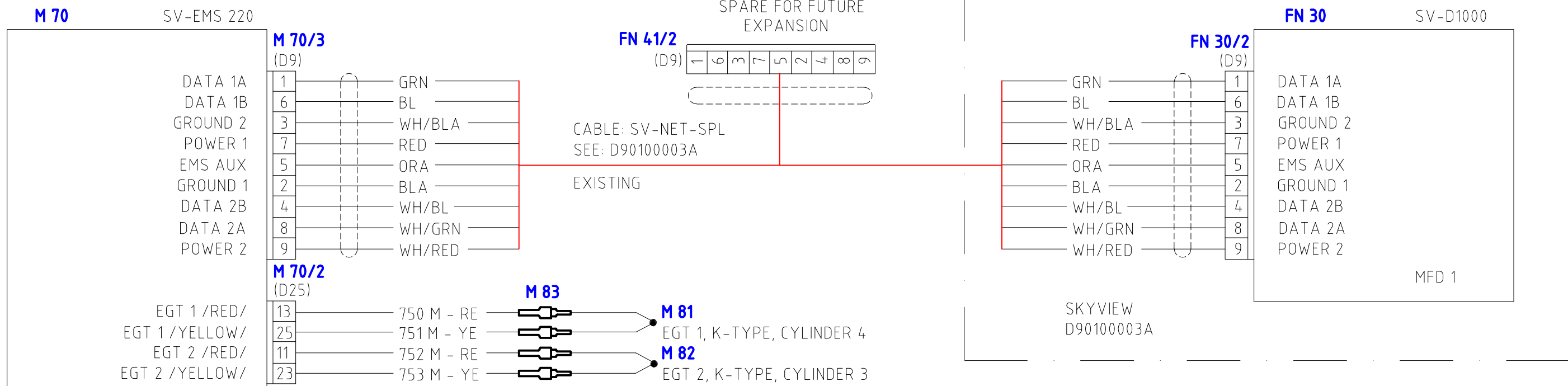


15					
14	V 6	TERMINAL GROUND		1	
13					
12	C 21	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
11	C 20	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
10					
9	C 18	WING LIGHT CONNECTOR	P/N:S014725/S018861	1	4 POLE, 6 A
8	C 17	WING LIGHT CONNECTOR	P/N:S014725/S018861	1	4 POLE, 6 A
7	C 16	ENGINE COVER CONNECTOR	P/N:1-592	1	2 POLE
6	C 15	SWITCH	P/N:1-1100	1	2 POLE, 6 A
5	C 14	SWITCH	P/N:1-1100	1	2 POLE, 6 A
4	C 13	POSITION/NAV/STROBE LGHT	P/N:AVE-WPSTG-20D MOD(1)	1	RIGHT
3	C 12	POSITION/NAV/STROBE LGHT	P/N:AVE-WPSTR-20D MOD(1)	1	LEFT
2	C 11	LANDING LIGHT /LED/	P/N:V-4.5WMR16-W	1	
1	C 10	LANDING LIGHT /LED/	P/N:V-4.5WMR16-W	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b	AVE-WPSTR/G-20D MOD(1)	PZ2017-11	06.07.2017
ZUZELKA		a	AVE-WPSTR/G-64T	PZ2017-10	20.06.2017
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB		S/N:	W/O:		REGISTRATION:
AEROPOOL		TITLE: SCHEMATIC LANDING AND POSITION LIGHTS		DRAWING NO.: D90100008A	
EASA AP-D0A Approval No. AP356					
PAGE: 1 OF 1		DATE: 27.04.2014			

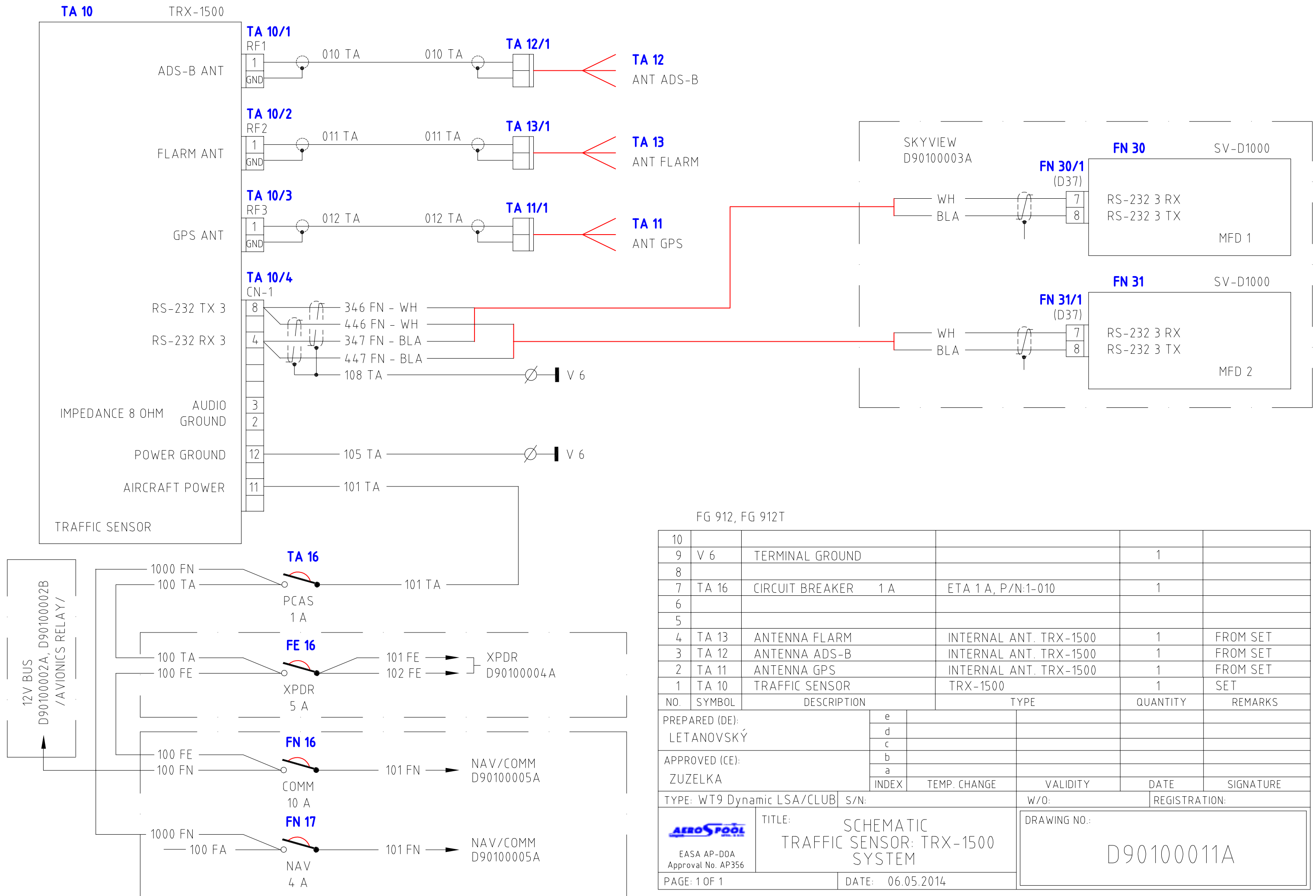


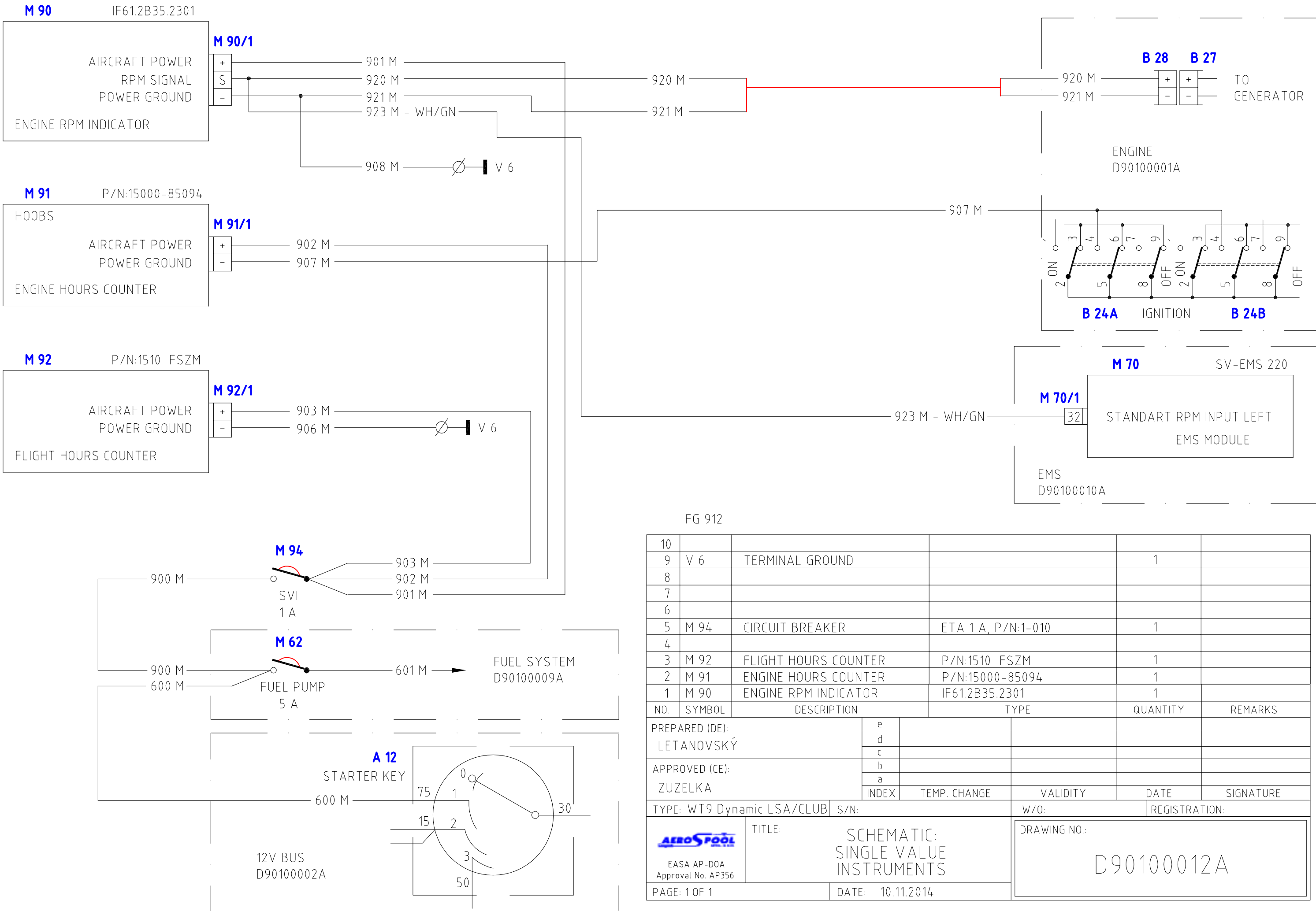
FG 912, FG 912T

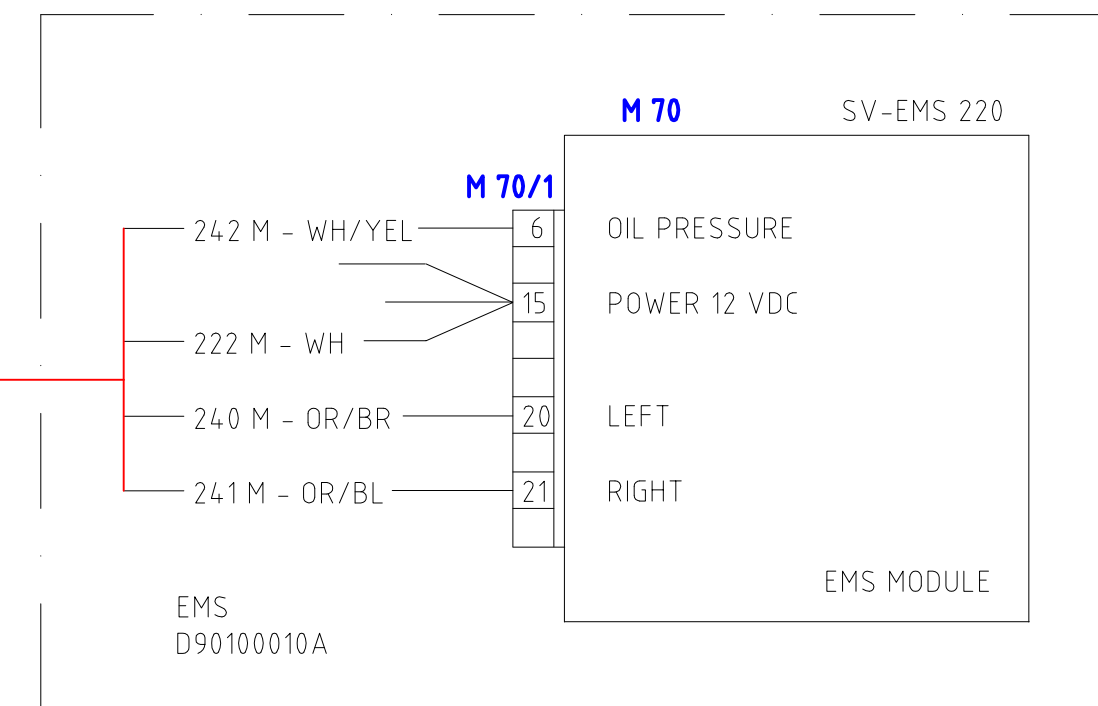
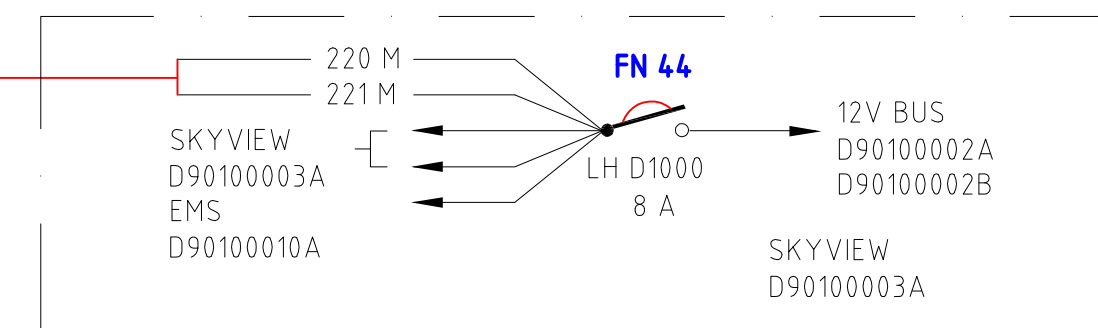
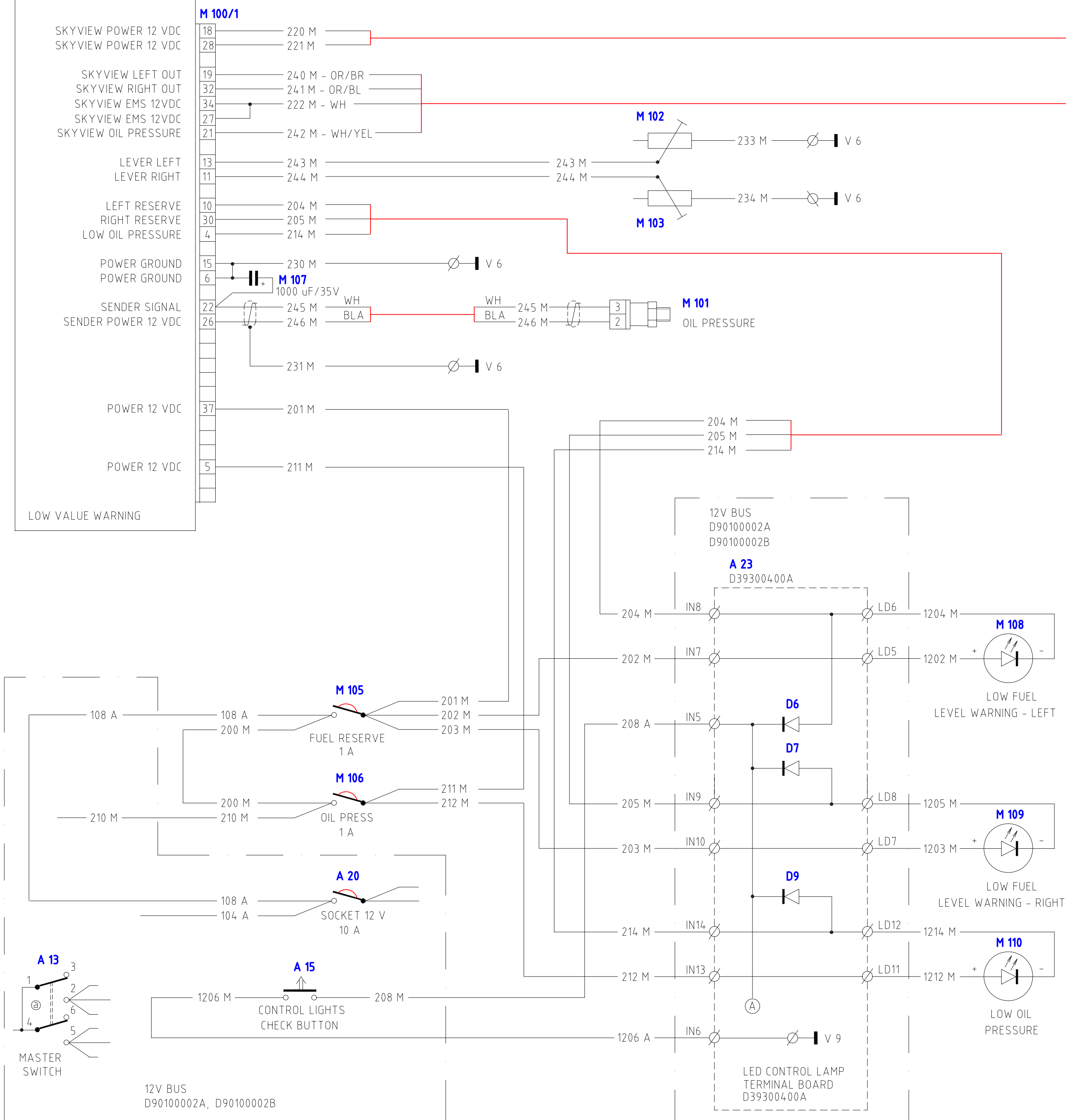
10					
9	V 6	TERMINAL GROUND		1	
8					
7					
6					
5					
4	M 63	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
3	M 62	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
2	M 61	SWITCH - 2 POLE, 6 A	P/N:1-1100	1	
1	M 60	ELECTRIC FUEL PUMP	P/N:000510, Model E1F	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
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LETANOVSKÝ		d			
		c			
APPROVED (CE):		b			
ZUZELKA		a			
TYPE: WT9 Dynamic LSA/CLUB		INDEX	TEMP. CHANGE	VALIDITY	SIGNATURE
S/N:		W/O:		REGISTRATION:	
EASA AP-DOA Approval No. AP356		TITLE: SCHEMATIC FUEL SYSTEM		DRAWING NO.: D90100009A	
PAGE: 1 OF 1		DATE: 27.10.2014			



FG 912, FG 912T					
18					
17	V 6	TERMINAL GROUND		1	
16					
15	M 84	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
14	M 83	CONNECTOR /EGT SENSOR/	P/N:DB-2-63	4	
13	M 82	EGT TEMPERATURE SENSOR	K-TYPE, P/N:100405-000	1	
12	M 81	EGT TEMPERATURE SENSOR	K-TYPE, P/N:100405-000	1	
11	M 80	CONNECTOR /FUEL FLOW S./	P/N:S014725/S018861	1	4 POLE
10	M 79	FUEL FLOW SENSOR	FT60, P/N:100403-003	1	
9	M 78	CONNECTOR /MANIFOLD P. S./	P/N:-	1	3 POLE
8	M 77	MANIFOLD PRESSURE SENSOR	P/N:100434-000	1	
7	M 76	FUEL PRESSURE SENSOR	P906.B001.0S	1	
6	M 75	CONNECTOR /AIRBOX TEMP. S./	P/N:1-592	1	2 POLE
5	M 74	AIRBOX TEMPERATURE SENSOR	P/N:100468-000	1	
4	M 73	OIL TEMPERATURE SENSOR	P/N:323-801-010-001D	1	
3	M 72	COOLANT TEMPERAT. SENSOR	P/N:323-801-010-001D	1	
2					
1	M 70	EMS MODULE DYNON	SV-EMS 220	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b			
ZUZELKA		a	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB		S/N:	W/O:	REGISTRATION:	
TITLE:		SCHEMATIC		DRAWING NO.:	
EASA AP-DOA		SV-EMS 220		D90100010A	
Approval No. AP356		SYSTEM			
PAGE: 1 OF 1		DATE: 09.03.2015			





FG 912, FG 912T

17						
16	V 6	TERMINAL GROUND		1		
15						
14						
13						
12						
11	M 110	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED	
10	M 109	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED	
9	M 108	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED	
8	M 107	ELECTROLYTIC CAPACITOR	1000 uF/35V, P/N:KM1000/35	1		
7	M 106	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1		
6	M 105	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1		
5						
4	M 103	FUEL LEVER SENSOR	FA10.5013.12	1		
3	M 102	FUEL LEVER SENSOR	FA10.5013.12	1		
2	M 101	OIL PRESSURE SENSOR	P/N:456180	1		
1	M 100	LOW VALUE WARNING	D31500600A	1		
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS	
PREPARED (DE): LETANOVSKÝ		e				
		d				
		c				
		b				
APPROVED (CE): ZUZELKA		a	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017	
		INDEX	TEMP. CHANGE	VALIDITY	DATE	SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB		S/N:	W/O:		REGISTRATION:	
 EASA AP-D0A Approval No. AP356		TITLE: SCHEMATIC LOW VALUE WARNING SYSTEM		DRAWING NO.:		
				D90100016A		
PAGE: 1 OF 1		DATE: 26.10.2014				

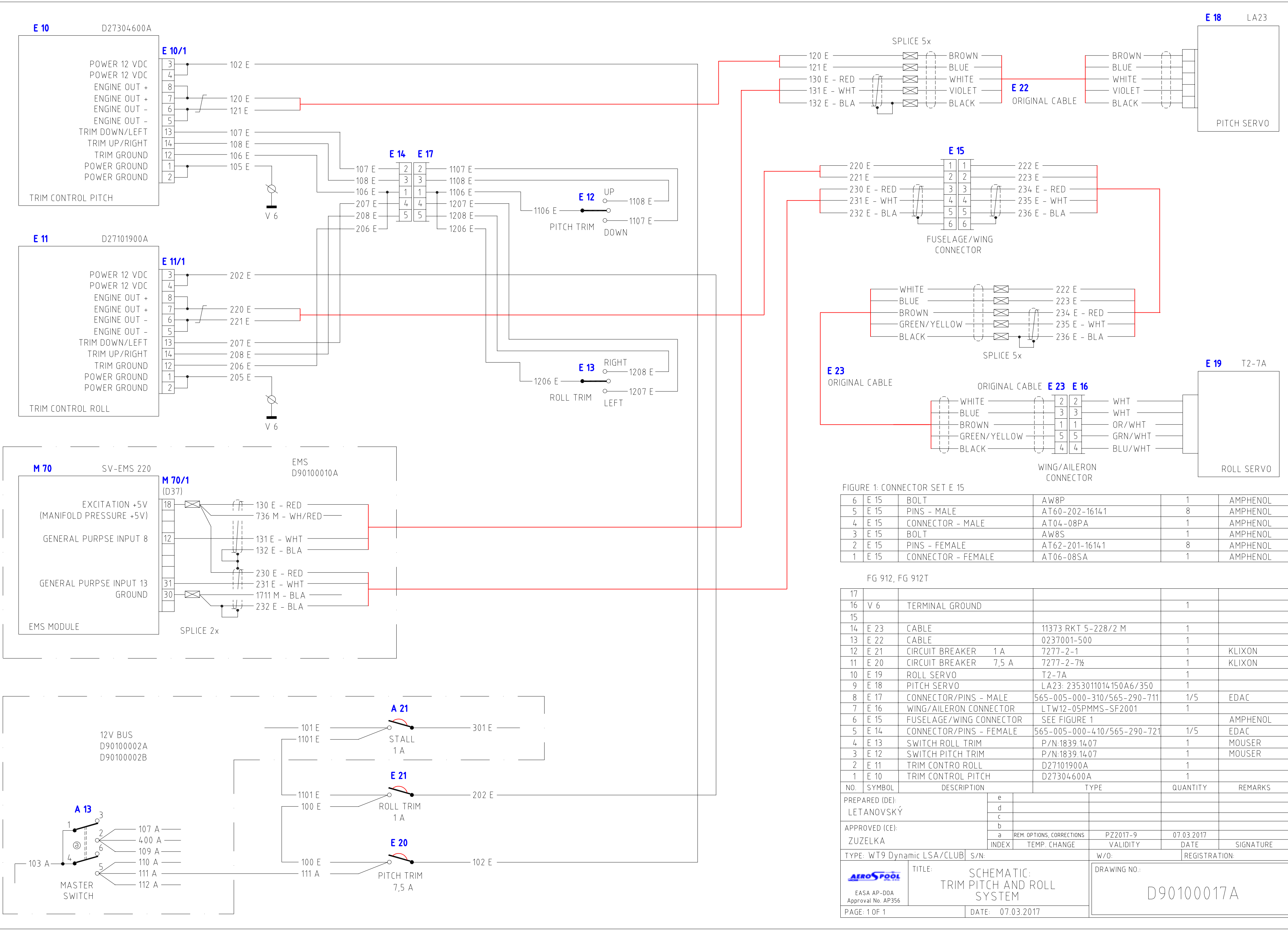
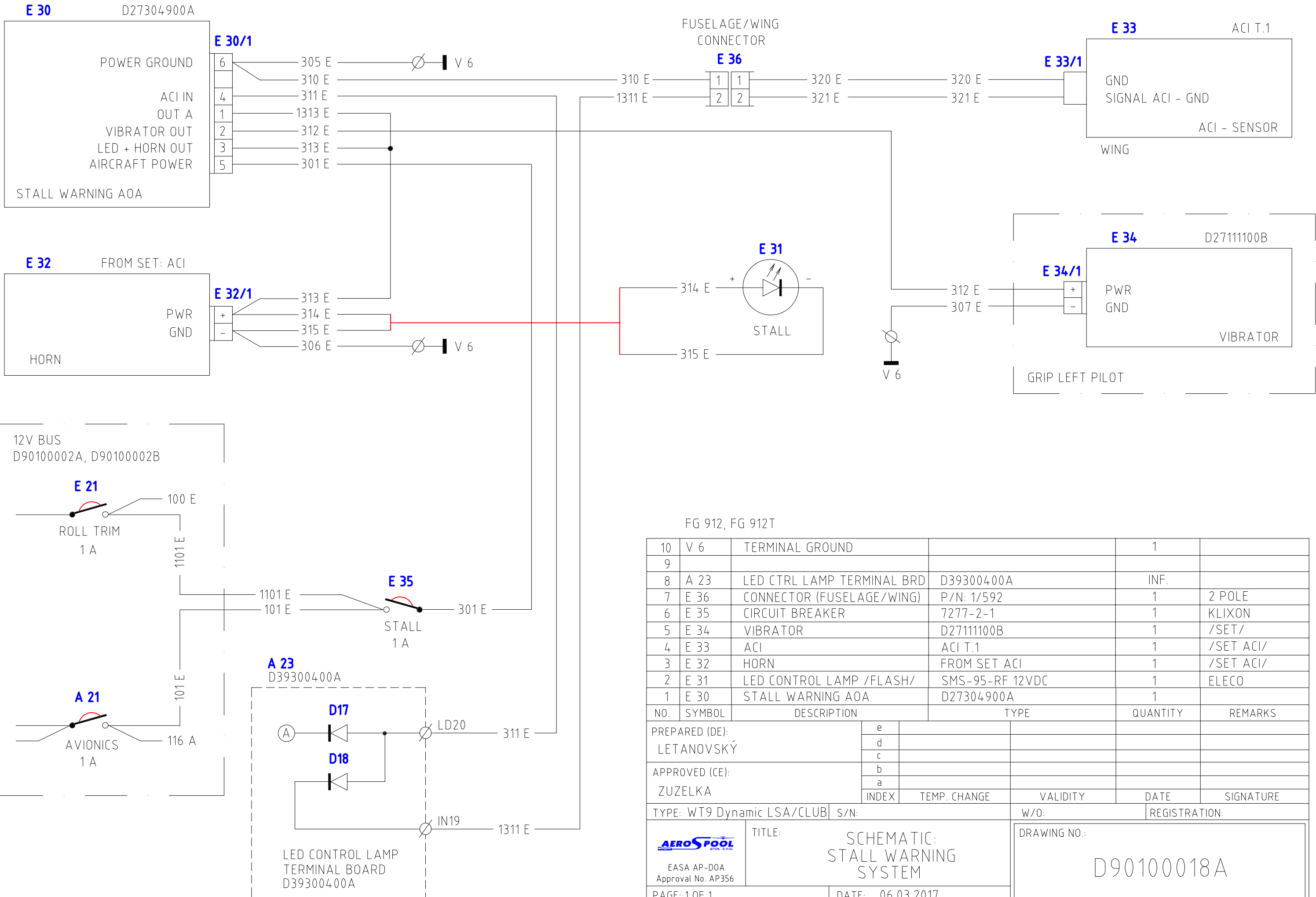


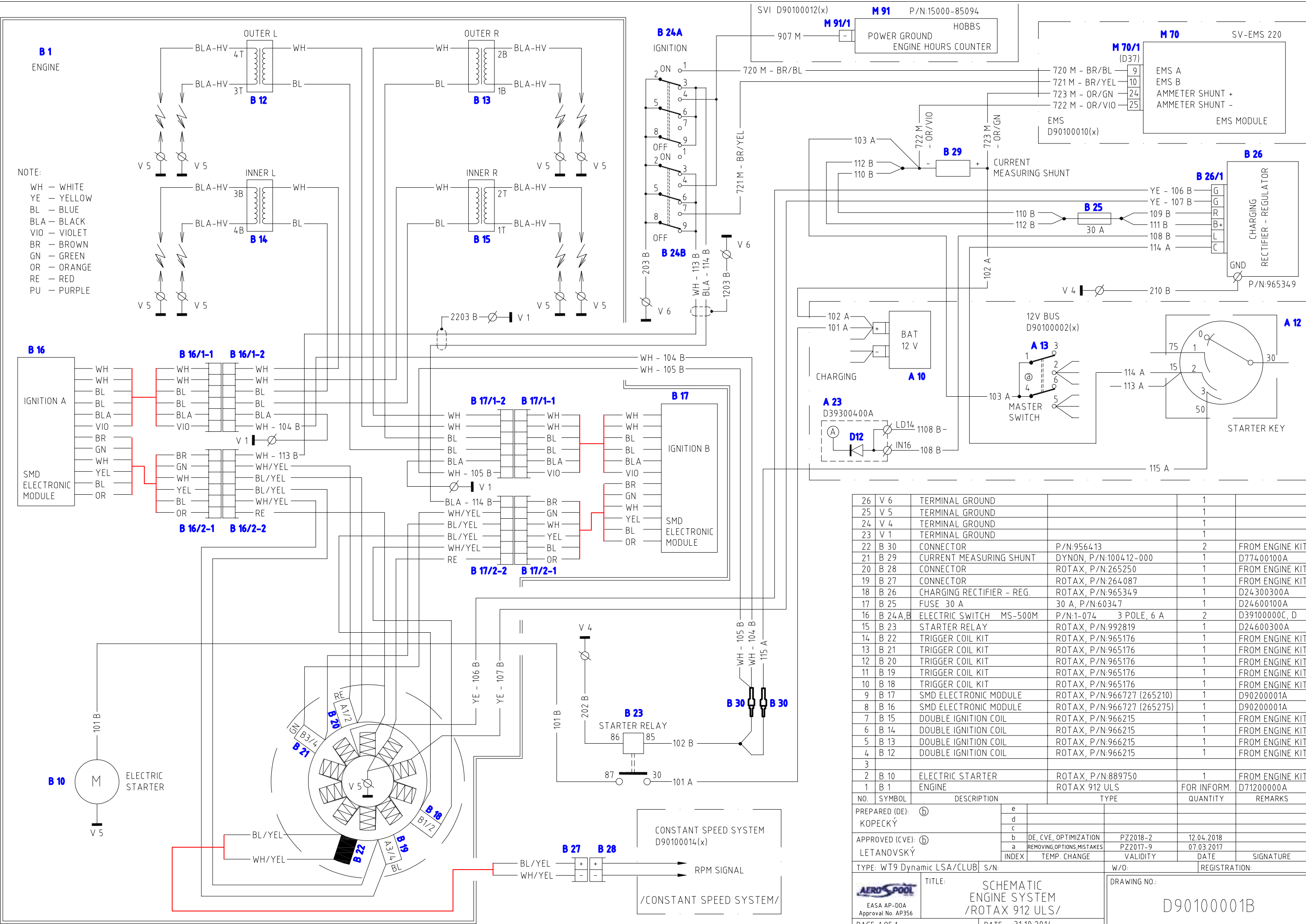
FIGURE 1: CONNECTOR SET E 15

6	E 15	BOLT	AW8P	1	AMPHENOL
5	E 15	PINS - MALE	AT60-202-16141	8	AMPHENOL
4	E 15	CONNECTOR - MALE	AT04-08PA	1	AMPHENOL
3	E 15	BOLT	AW8S	1	AMPHENOL
2	E 15	PINS - FEMALE	AT62-201-16141	8	AMPHENOL
1	E 15	CONNECTOR - FEMALE	AT06-08SA	1	AMPHENOL

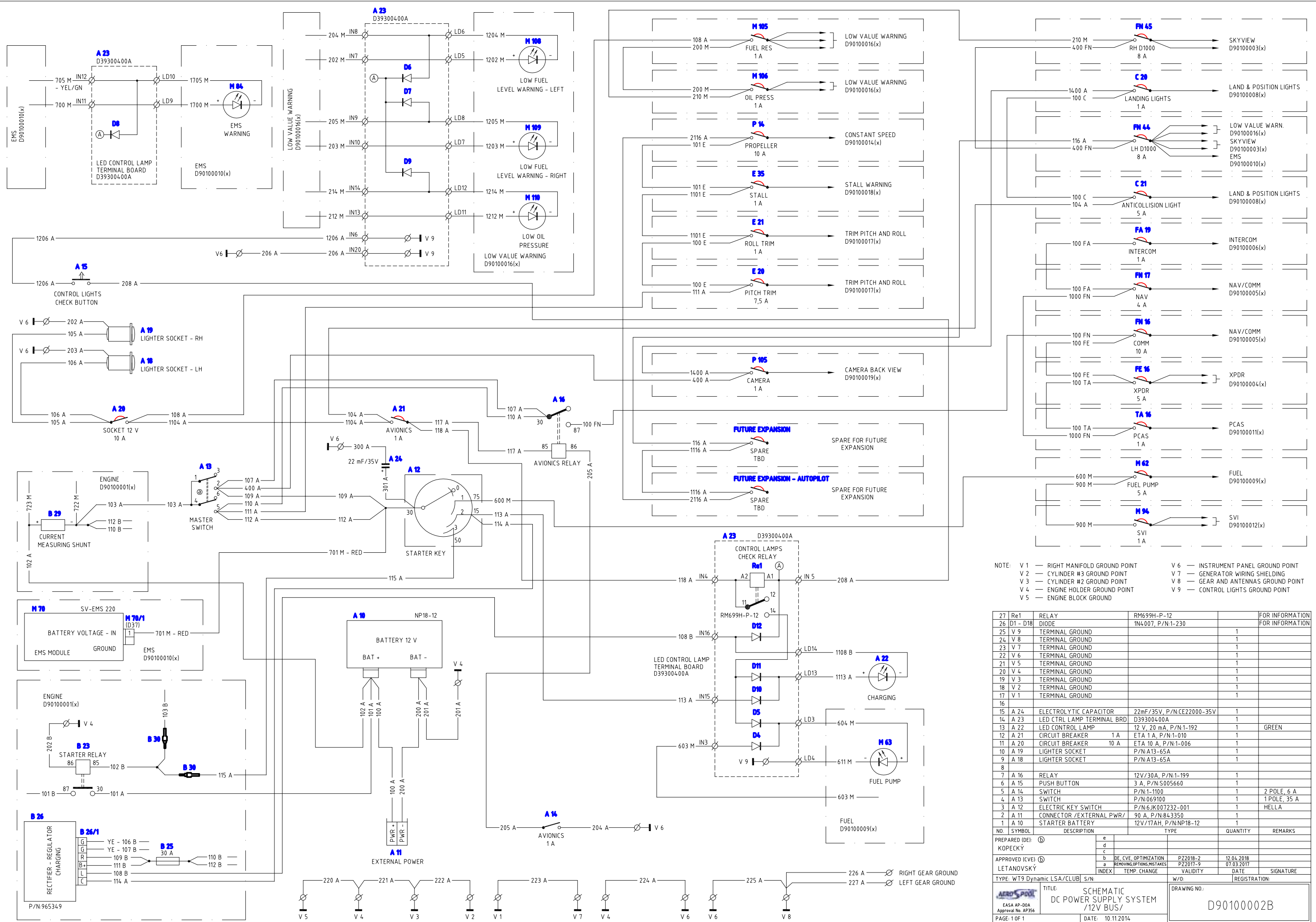
FG 912, FG 912T

17					
16	V 6	TERMINAL GROUND		1	
15					
14	E 23	CABLE	11373 RKT 5-228/2 M	1	
13	E 22	CABLE	0237001-500	1	
12	E 21	CIRCUIT BREAKER 1 A	7277-2-1	1	KLIXON
11	E 20	CIRCUIT BREAKER 7,5 A	7277-2-7½	1	KLIXON
10	E 19	ROLL SERVO	T2-7A	1	
9	E 18	PITCH SERVO	LA23: 2353011014150A6/350	1	
8	E 17	CONNECTOR/PINS - MALE	565-005-000-310/565-290-711	1/5	EDAC
7	E 16	WING/AILERON CONNECTOR	LTW12-05PMMS-SF2001	1	
6	E 15	FUSELAGE/WING CONNECTOR	SEE FIGURE 1		AMPHENOL
5	E 14	CONNECTOR/PINS - FEMALE	565-005-000-410/565-290-721	1/5	EDAC
4	E 13	SWITCH ROLL TRIM	P/N:1839.1407	1	MOUSER
3	E 12	SWITCH PITCH TRIM	P/N:1839.1407	1	MOUSER
2	E 11	TRIM CONTRO ROLL	D27101900A	1	
1	E 10	TRIM CONTROL PITCH	D27304600A	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
LETANOVSKÝ		d			
		c			
APPROVED (CE):		b			
ZUZELKA		a	REM. OPTIONS, CORRECTIONS	PZ2017-9	07.03.2017
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB S/N:			W/O: REGISTRATION:		
AEROSPOOL			TITLE: SCHEMATIC: TRIM PITCH AND ROLL SYSTEM		
EASA AP-DOA Approval No. AP356			DRAWING NO.: D90100017A		
PAGE: 1 OF 1			DATE: 07.03.2017		



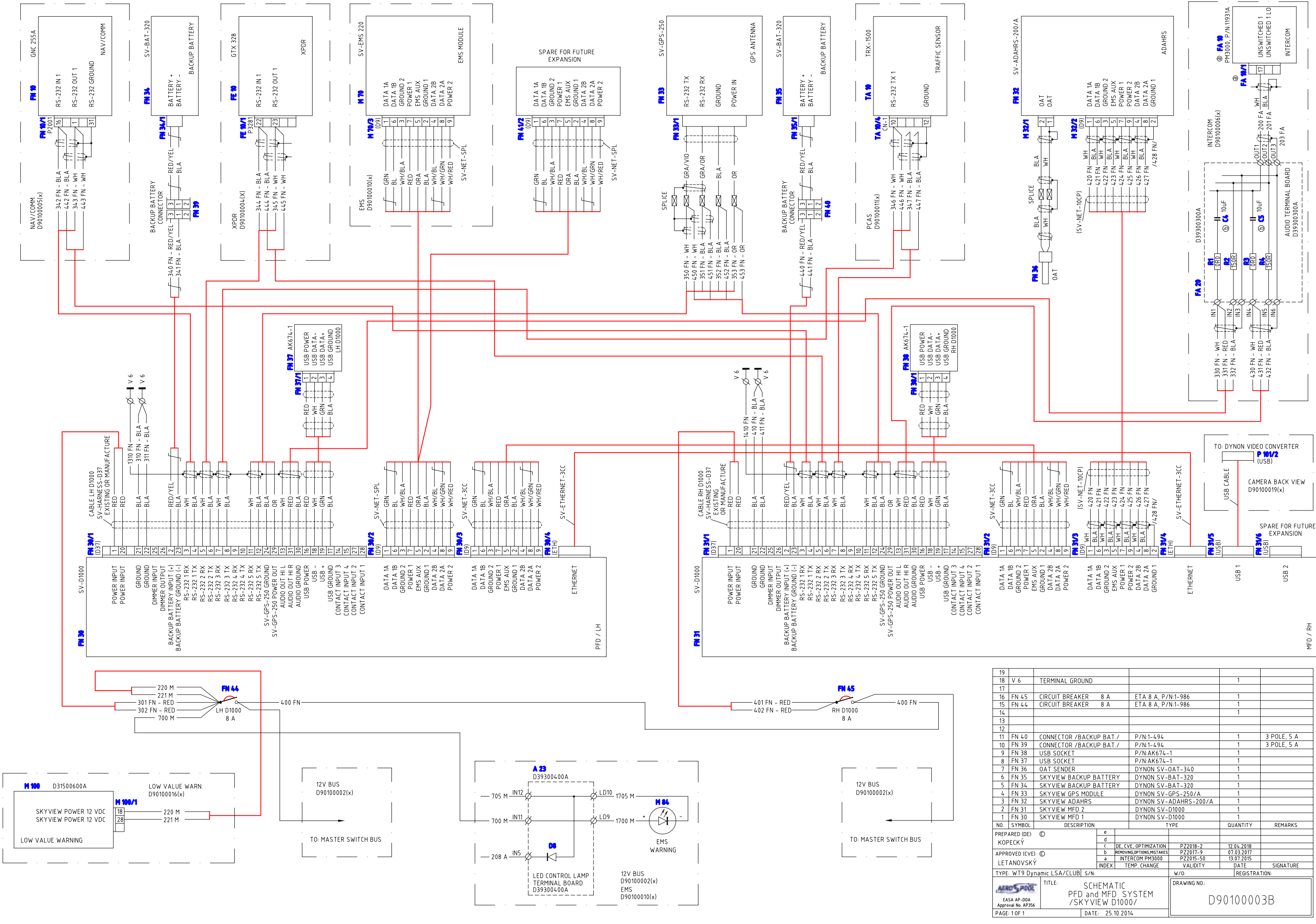


26	V 6	TERMINAL GROUND		1	
25	V 5	TERMINAL GROUND		1	
24	V 4	TERMINAL GROUND		1	
23	V 1	TERMINAL GROUND		1	
22	B 30	CONNECTOR	P/N:956413	2	FROM ENGINE KIT
21	B 29	CURRENT MEASURING SHUNT	DYNON, P/N:100412-000	1	D77400100A
20	B 28	CONNECTOR	ROTAX, P/N:265250	1	FROM ENGINE KIT
19	B 27	CONNECTOR	ROTAX, P/N:264087	1	FROM ENGINE KIT
18	B 26	CHARGING RECTIFIER - REG.	ROTAX, P/N:965349	1	D24300300A
17	B 25	FUSE 30 A	30 A, P/N:60347	1	D24600100A
16	B 24A,B	ELECTRIC SWITCH MS-500M	P/N:1-074 3 POLE, 6 A	2	D39100000C, D
15	B 23	STARTER RELAY	ROTAX, P/N:992819	1	D24600300A
14	B 22	TRIGGER COIL KIT	ROTAX, P/N:965176	1	FROM ENGINE KIT
13	B 21	TRIGGER COIL KIT	ROTAX, P/N:965176	1	FROM ENGINE KIT
12	B 20	TRIGGER COIL KIT	ROTAX, P/N:965176	1	FROM ENGINE KIT
11	B 19	TRIGGER COIL KIT	ROTAX, P/N:965176	1	FROM ENGINE KIT
10	B 18	TRIGGER COIL KIT	ROTAX, P/N:965176	1	FROM ENGINE KIT
9	B 17	SMD ELECTRONIC MODULE	ROTAX, P/N:966727 (265210)	1	D90200001A
8	B 16	SMD ELECTRONIC MODULE	ROTAX, P/N:966727 (265275)	1	D90200001A
7	B 15	DOUBLE IGNITION COIL	ROTAX, P/N:966215	1	FROM ENGINE KIT
6	B 14	DOUBLE IGNITION COIL	ROTAX, P/N:966215	1	FROM ENGINE KIT
5	B 13	DOUBLE IGNITION COIL	ROTAX, P/N:966215	1	FROM ENGINE KIT
4	B 12	DOUBLE IGNITION COIL	ROTAX, P/N:966215	1	FROM ENGINE KIT
3					
2	B 10	ELECTRIC STARTER	ROTAX, P/N:889750	1	FROM ENGINE KIT
1	B 1	ENGINE	ROTAX 912 ULS	FOR INFORM.	D71200000A
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		①	e		
KOPECKÝ			d		
			c		
APPROVED (CVE):		①	b	DE, CVE, OPTIMIZATION	PZ2018-2 12.04.2018
LETANOVSKÝ			a	REMOVING OPTIONS, MISTAKES	PZ2017-9 07.03.2017
			INDEX	TEMP. CHANGE	VALIDITY DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB S/N:			W/O: REGISTRATION:		
TITLE: SCHEMATIC ENGINE SYSTEM /ROTAX 912 ULS/			DRAWING NO.: D90100001B		
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1			DATE: 31.10.2014		

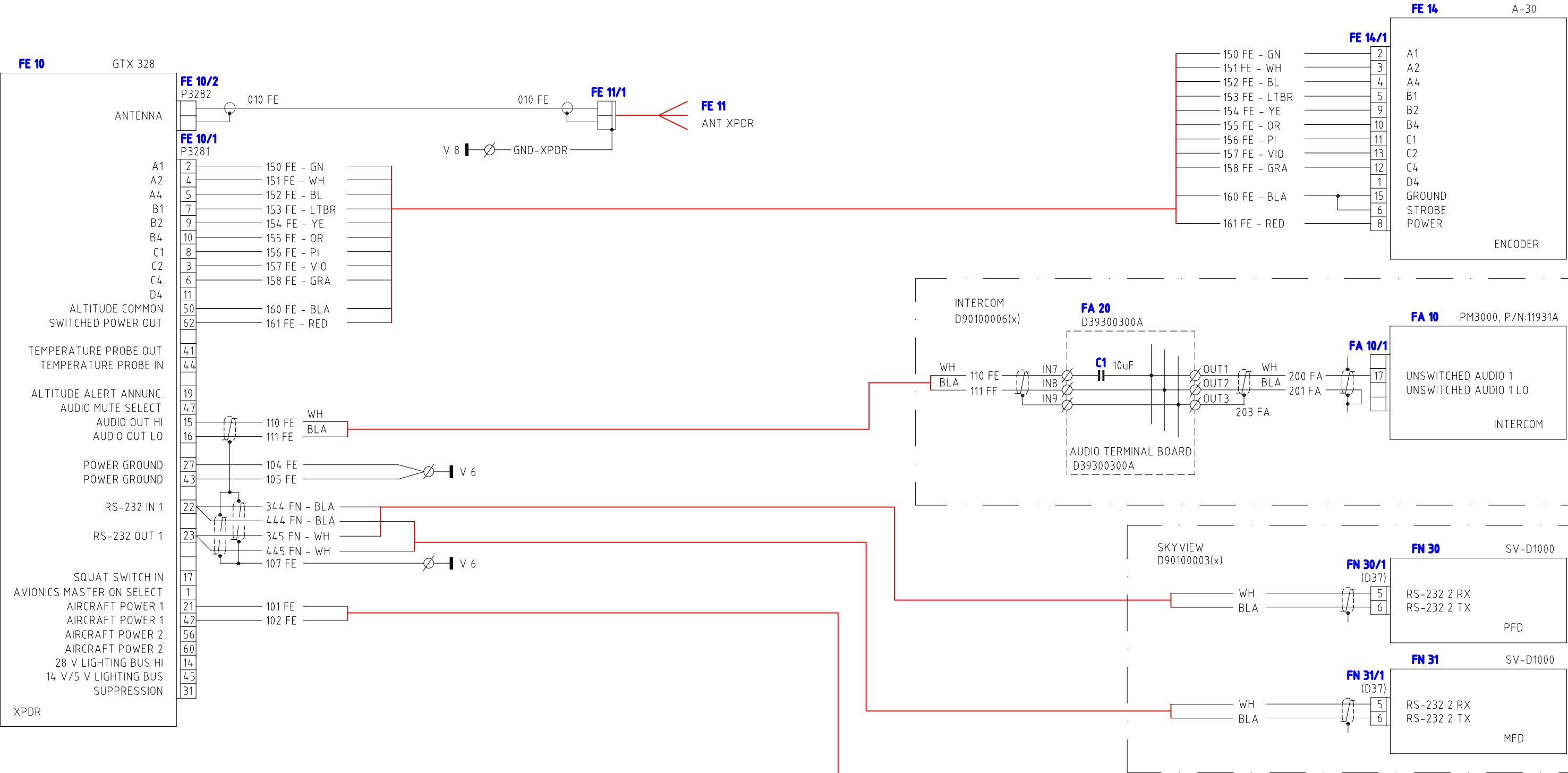


NOTE: V 1 — RIGHT MANIFOLD GROUND POINT
V 2 — CYLINDER #3 GROUND POINT
V 3 — CYLINDER #2 GROUND POINT
V 4 — ENGINE HOLDER GROUND POINT
V 5 — ENGINE BLOCK GROUND
V 6 — INSTRUMENT PANEL GROUND POINT
V 7 — GENERATOR WIRING SHIELDING
V 8 — GEAR AND ANTENNAS GROUND POINT
V 9 — CONTROL LIGHTS GROUND POINT

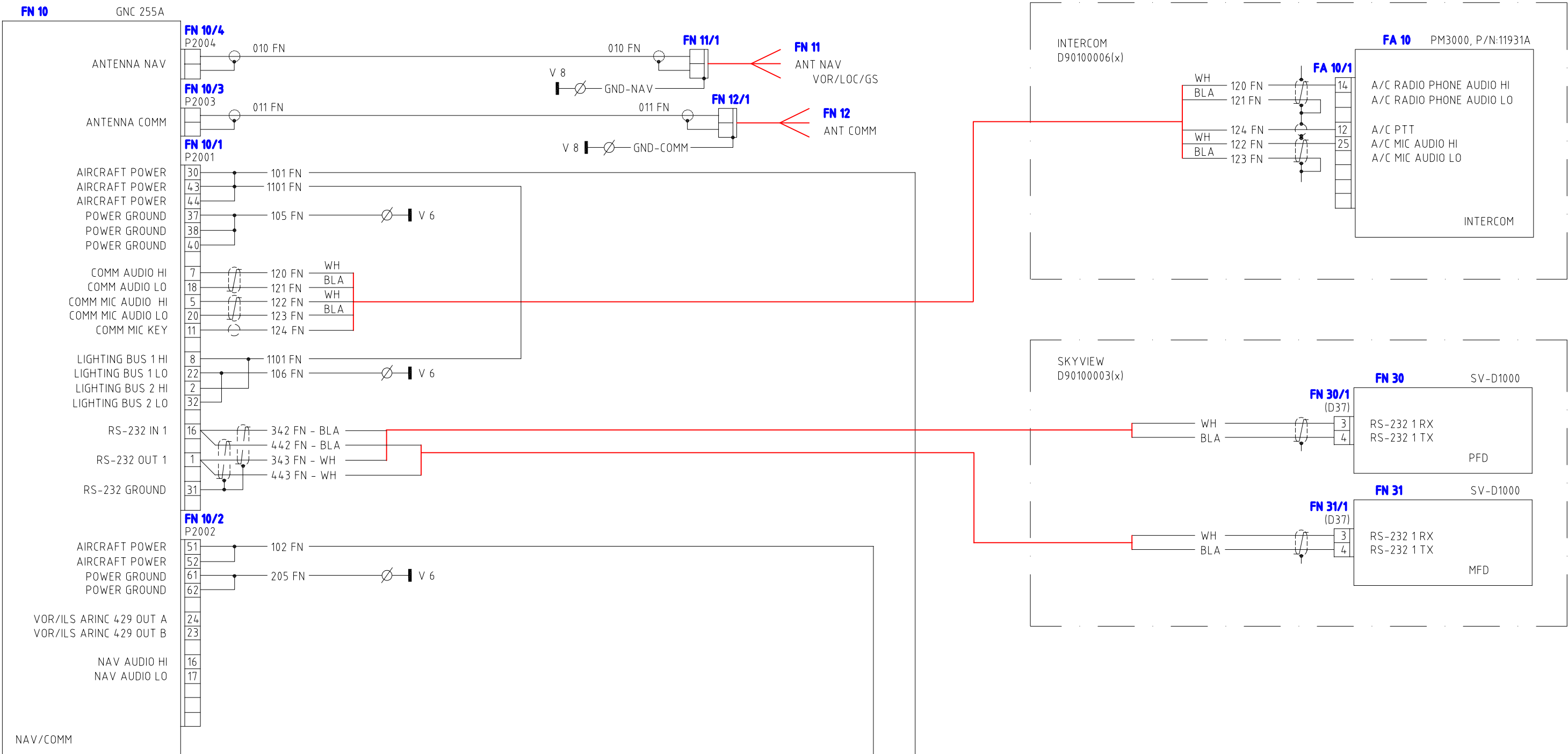
27	Re1	RELAY	RM699H-P-12		FOR INFORMATION
26	D1 - D18	DIODE	1N4007, P/N:1-230		FOR INFORMATION
25	V 9	TERMINAL GROUND		1	
24	V 8	TERMINAL GROUND		1	
23	V 7	TERMINAL GROUND		1	
22	V 6	TERMINAL GROUND		1	
21	V 5	TERMINAL GROUND		1	
20	V 4	TERMINAL GROUND		1	
19	V 3	TERMINAL GROUND		1	
18	V 2	TERMINAL GROUND		1	
17	V 1	TERMINAL GROUND		1	
16					
15	A 24	ELECTROLYTIC CAPACITOR	22mF/35V, P/N:CE22000-35V	1	
14	A 23	LED CTRL LAMP TERMINAL BRD	D393004.00A	1	
13	A 22	LED CONTROL LAMP	12 V, 20 mA, P/N:1-192	1	GREEN
12	A 21	CIRCUIT BREAKER	ETA 1 A, P/N:1-010	1	
11	A 20	CIRCUIT BREAKER	ETA 10 A, P/N:1-006	1	
10	A 19	LIGHTER SOCKET	P/N:A13-65A	1	
9	A 18	LIGHTER SOCKET	P/N:A13-65A	1	
8					
7	A 16	RELAY	12V/30A, P/N:1-199	1	
6	A 15	PUSH BUTTON	3 A, P/N:S005660	1	
5	A 14	SWITCH	P/N:1-1100	1	2 POLE, 6 A
4	A 13	SWITCH	P/N:069100	1	1 POLE, 35 A
3	A 12	ELECTRIC KEY SWITCH	P/N:6JK007232-001	1	HELLA
2	A 11	CONNECTOR /EXTERNAL PWR/	90 A, P/N:843350	1	
1	A 10	STARTER BATTERY	12V/17AH, P/N:NP18-12	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		① KOPECKÝ	e		
			d		
			c		
APPROVED (CVE):		② LETANOVSKÝ	b	DE, CVE, OPTIMIZATION	PZ2018-2
			a	REMOVING OPTIONS, MISTAKES	PZ2017-9
			INDEX	TEMP. CHANGE	VALIDITY
TYPE: WT9 Dynamic LSA/CLUB		S/N		W/O	REGISTRATION
TITLE:		SCHEMATIC DC POWER SUPPLY SYSTEM /12V BUS/			DRAWING NO.:
PAGE: 1 OF 1		DATE: 10.11.2014			D90100002B



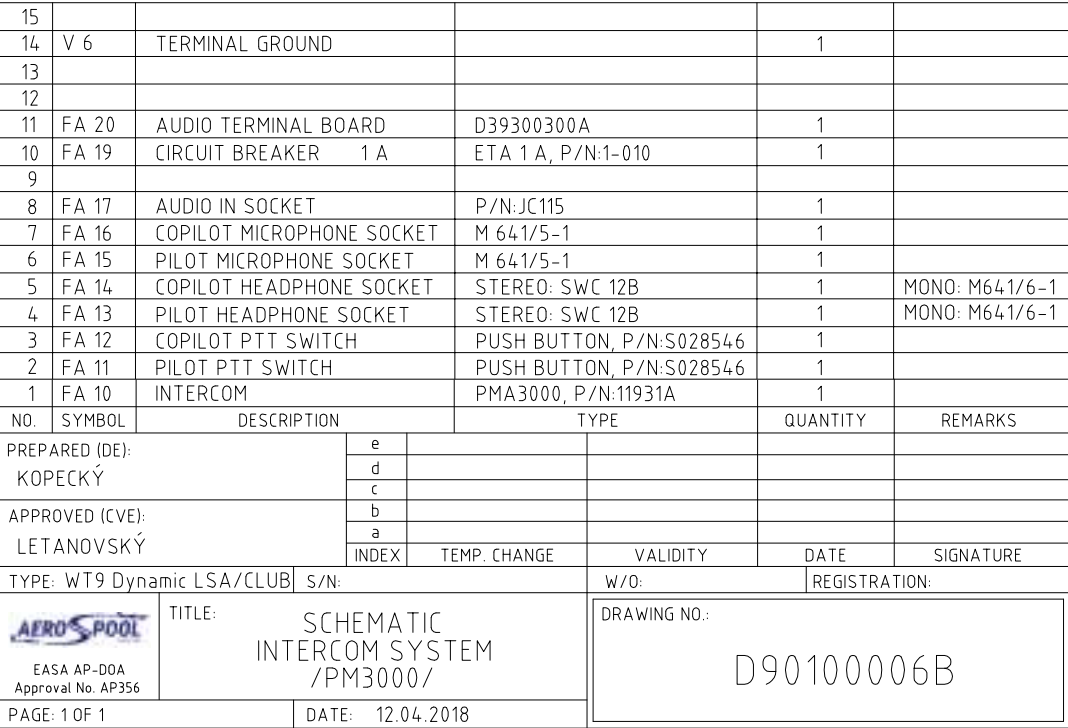
19	V 6	TERMINAL GROUND		1	
17					
16	FN 45	CIRCUIT BREAKER 8 A	ETA 8 A, P/N:1-986	1	
15	FN 44	CIRCUIT BREAKER 8 A	ETA 8 A, P/N:1-986	1	
14				1	
13					
12					
11	FN 40	CONNECTOR /BACKUP BAT. /	P/N:1-494	1	3 POLE, 5 A
10	FN 39	CONNECTOR /BACKUP BAT. /	P/N:1-494	1	3 POLE, 5 A
9	FN 38	USB SOCKET	P/N:AK674-1	1	
8	FN 37	USB SOCKET	P/N:AK674-1	1	
7	FN 36	OAT SENDER	DYNON SV-OAT-340	1	
6	FN 35	SKYVIEW BACKUP BATTERY	DYNON SV-BAT-320	1	
5	FN 34	SKYVIEW BACKUP BATTERY	DYNON SV-BAT-320	1	
4	FN 33	SKYVIEW GPS MODULE	DYNON SV-GPS-250/A	1	
3	FN 32	SKYVIEW ADAHRS	DYNON SV-ADAHRS-200/A	1	
2	FN 31	SKYVIEW MFD 2	DYNON SV-D1000	1	
1	FN 30	SKYVIEW MFD 1	DYNON SV-D1000	1	
NO. SYMBOL		DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE): © KOPECKÝ		e			
		d			
		c	DE, CVE, OPTIMIZATION	PZ2018-2	12.04.2018
		b	REMOVING OPTIONS, MISTAKES	PZ2017-9	07.03.2017
APPROVED (CVE): © LETANOVSKÝ		a	INTERCOM FM3000	PZ2015-50	13.07.2015
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB/ S/N			W/O	REGISTRATION	
TITLE: SCHEMATIC PFD and MFD SYSTEM /SKYVIEW D1000/			DRAWING NO: D90100003B		
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1		DATE: 25.10.2014			

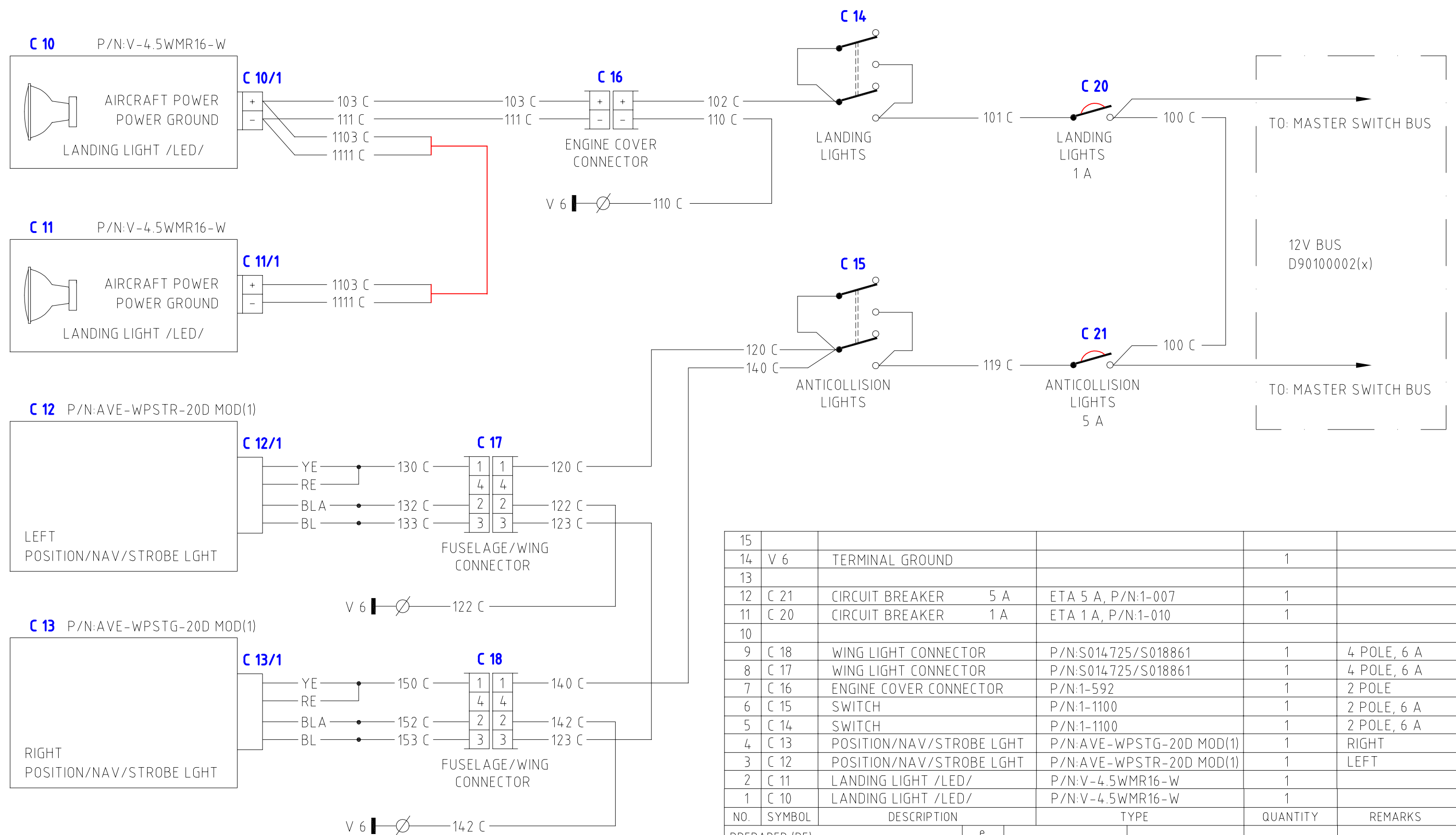


10	V 8	TERMINAL GROUND		1	
9	V 6	TERMINAL GROUND		1	
8					
7	FE 16	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
6					
5	FE 14	ENCODER	A-30	1	
4					
3					
2	FE 11	ANTENNA	AV-22	1	
1	FE 10	XPDR - TRANSPONDER	GTX 328	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
KOPECKÝ		d			
		c			
APPROVED (CVE):		b			
LETANOVSKÝ		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB		S/N:		W/O:	REGISTRATION:
EASA AP-DOA Approval No. AP356		TITLE: SCHEMATIC XPDR SYSTEM /GTX 328 WITH ENCODER/		DRAWING NO.: D90100004B	
PAGE: 1 OF 1		DATE: 12.04.2018			

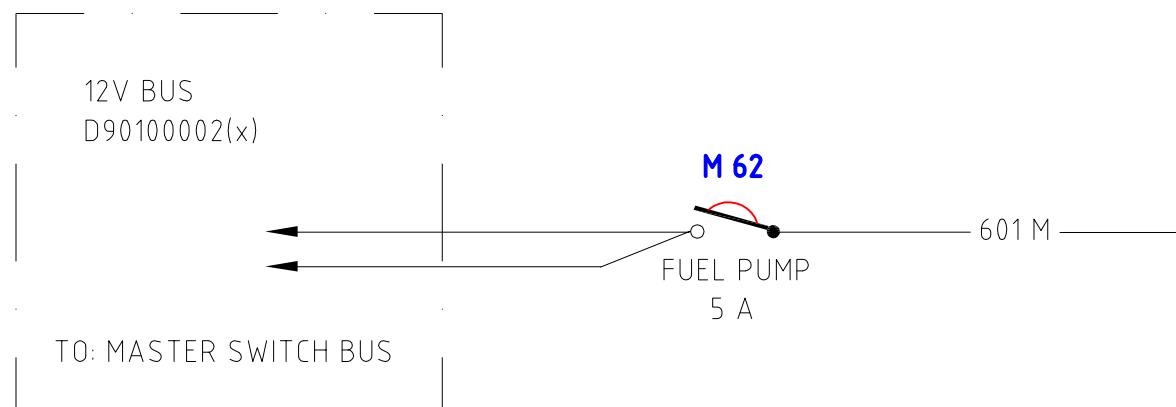
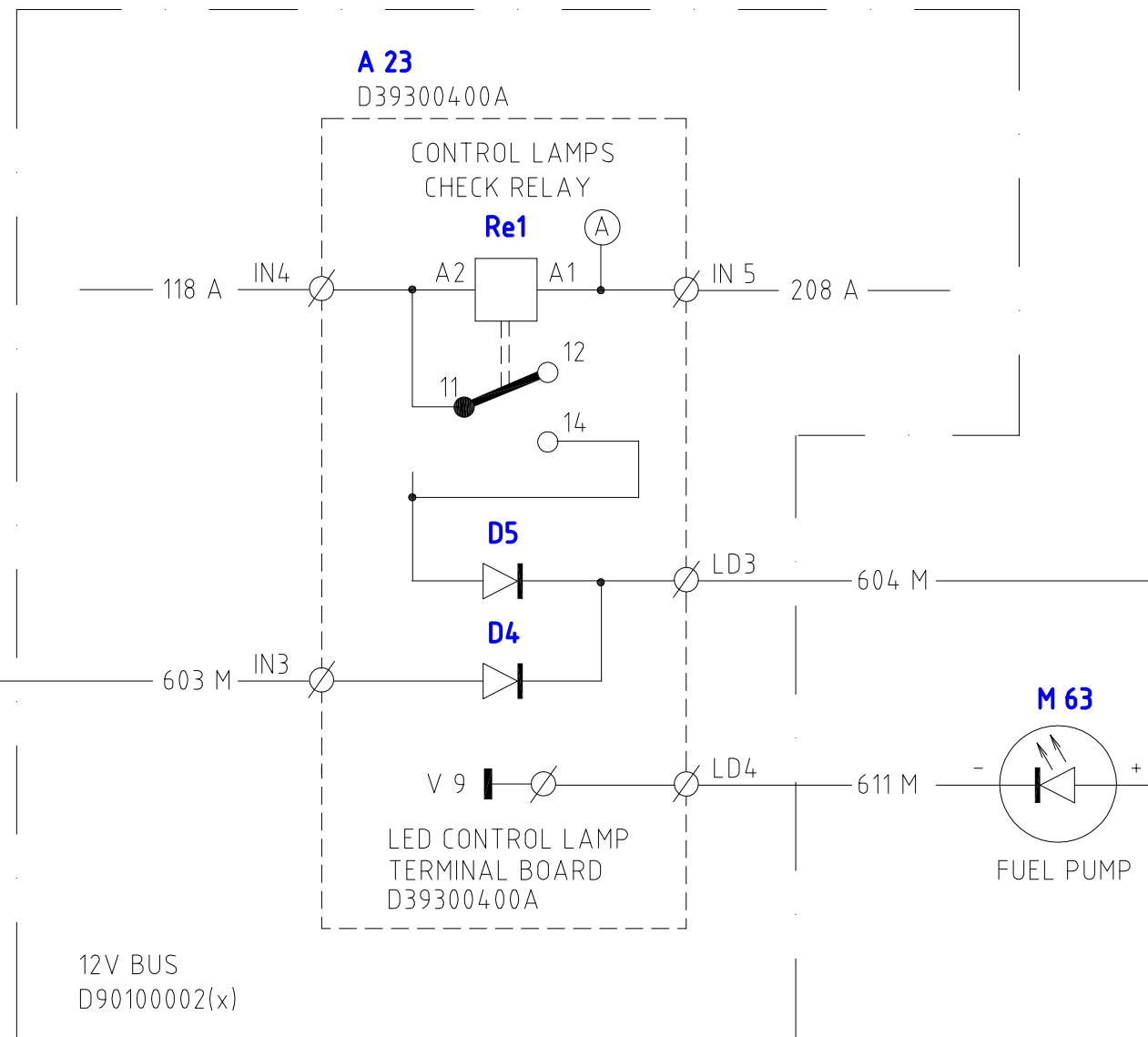
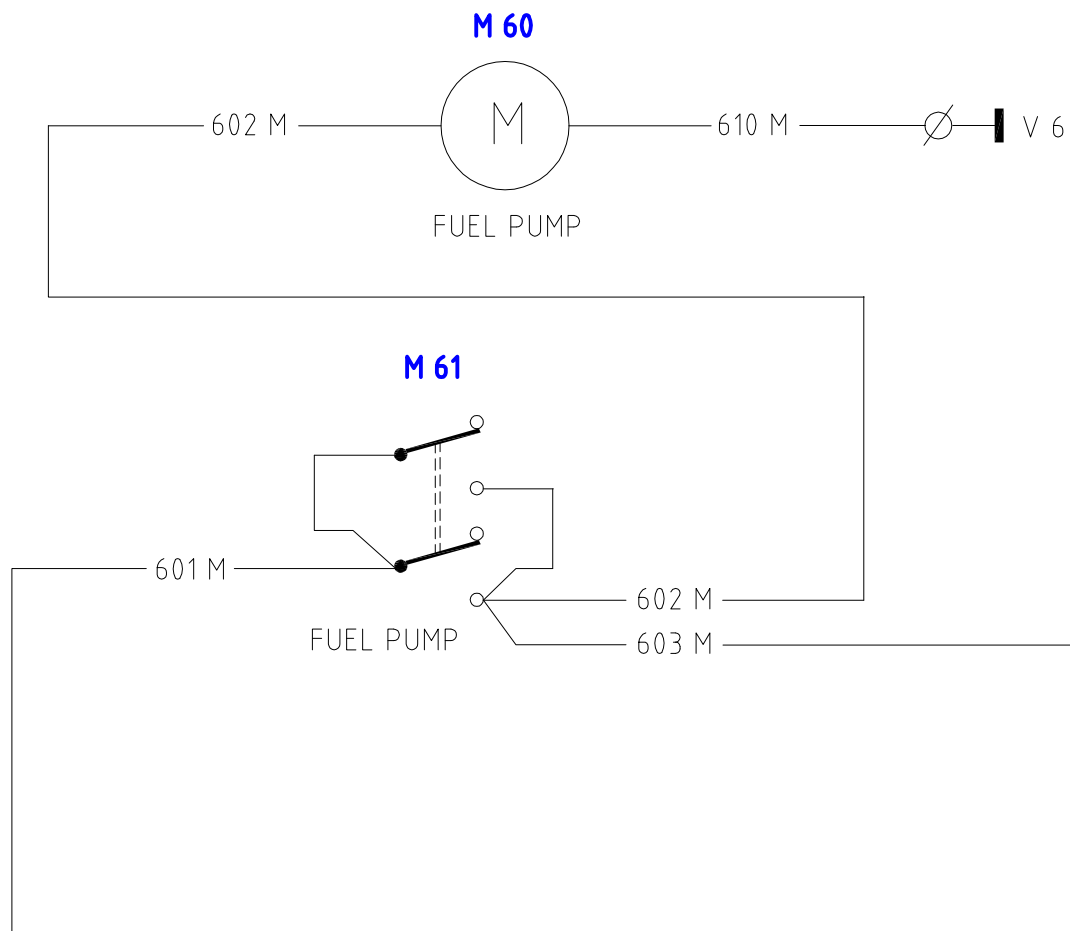


10	V 8	TERMINAL GROUND		1	
9	V 6	TERMINAL GROUND		1	
8					
7	FN 17	CIRCUIT BREAKER 4 A	ETA 4 A, P/N:1-987	1	
6	FN 16	CIRCUIT BREAKER 8 A	ETA 8 A, P/N:1-986	1	
5					
4					
3	FN 12	ANTENNA COMM	AV-17	1	VHF
2	FN 11	ANTENNA NAV	CI-152c	1	VOR/LOC/GS
1	FN 10	NAV/COMM R/T	GNC 255A	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
KOPECKÝ		d			
		c			
APPROVED (CVE):		b			
LETANOVSKÝ		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
		TITLE: SCHEMATIC NAV/COMM SYSTEM /GNC 255A/		DRAWING NO.: D90100005B	
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1		DATE: 12.04.2018			

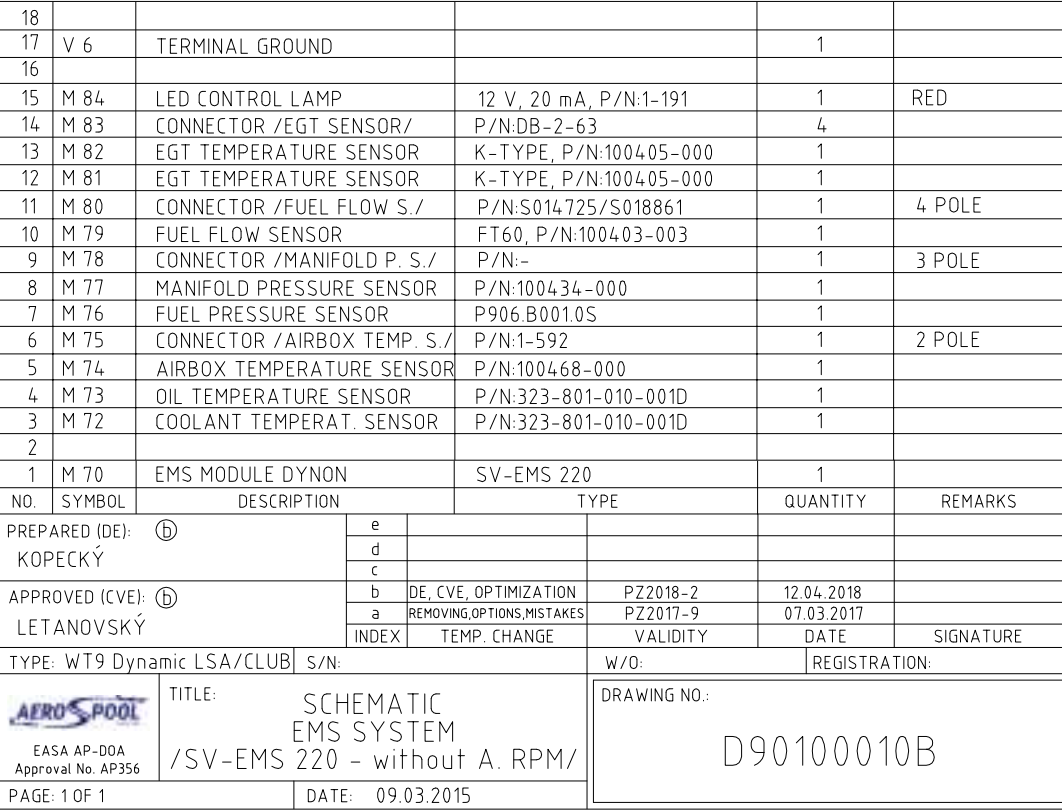


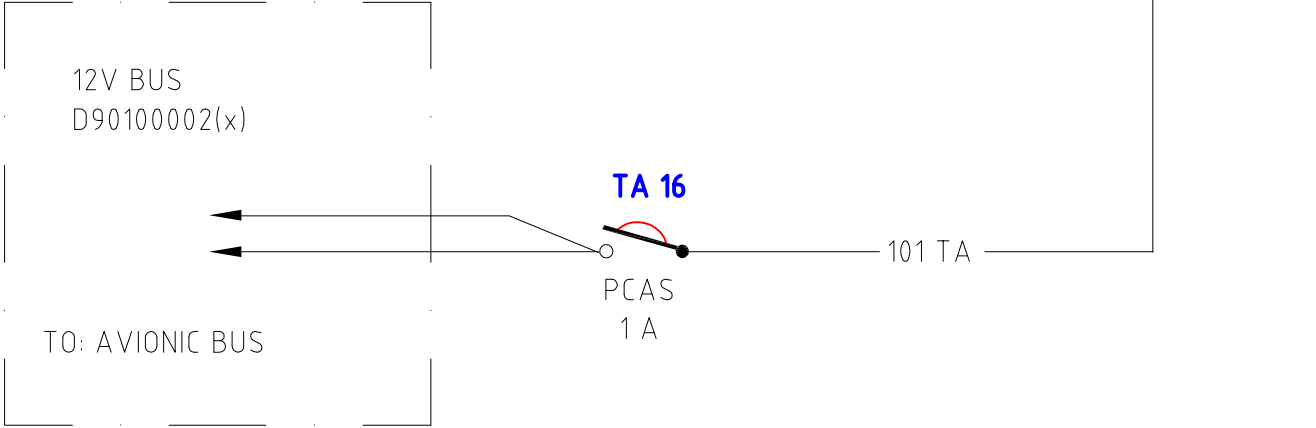
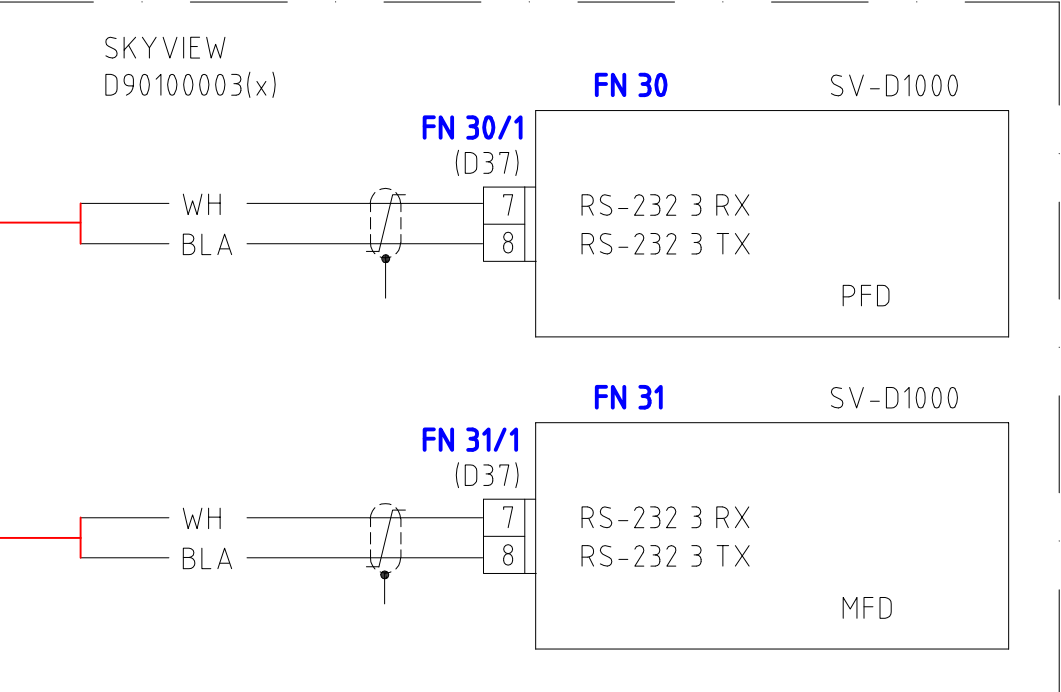
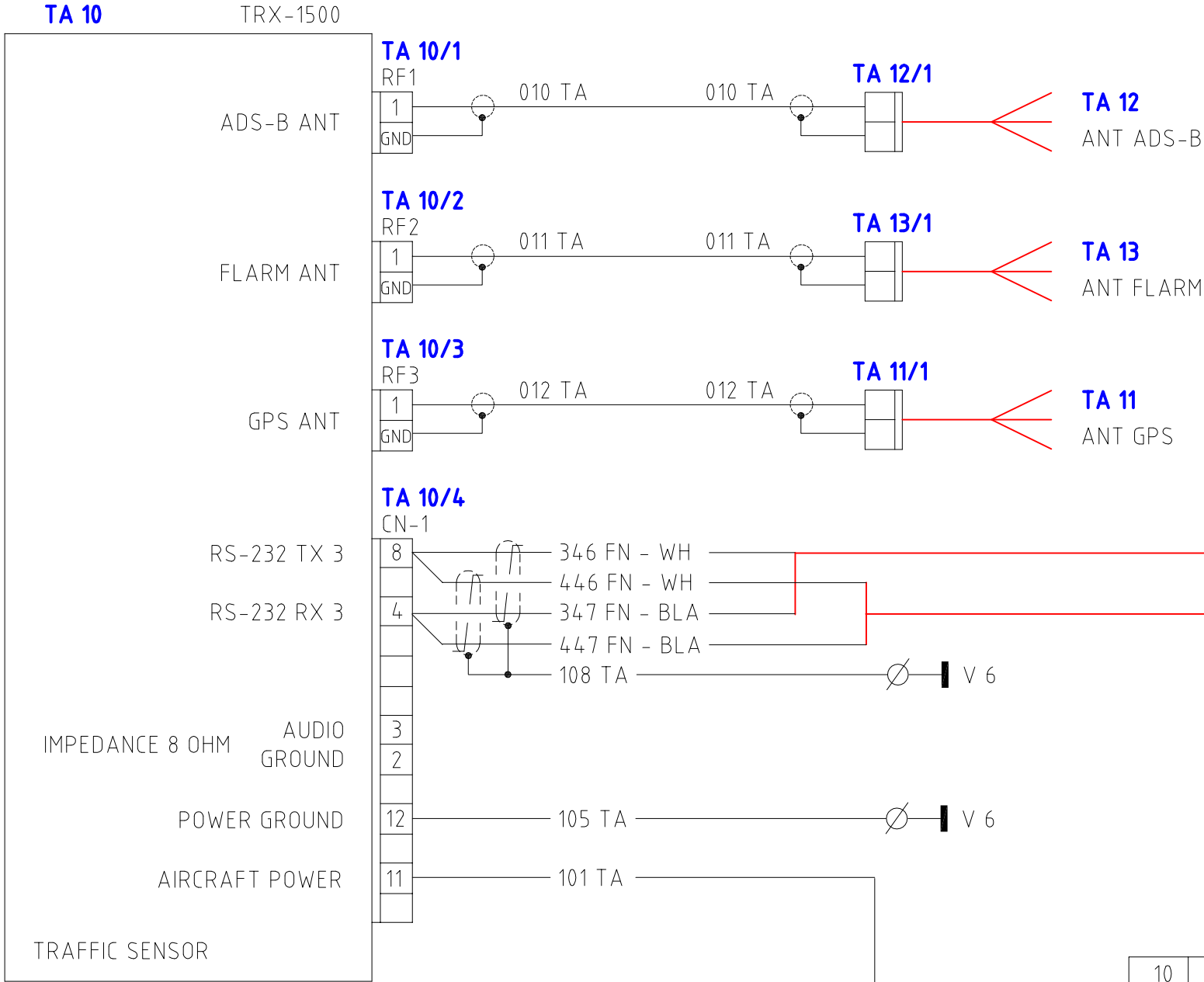


15					
14	V 6	TERMINAL GROUND		1	
13					
12	C 21	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
11	C 20	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
10					
9	C 18	WING LIGHT CONNECTOR	P/N:S014725/S018861	1	4 POLE, 6 A
8	C 17	WING LIGHT CONNECTOR	P/N:S014725/S018861	1	4 POLE, 6 A
7	C 16	ENGINE COVER CONNECTOR	P/N:1-592	1	2 POLE
6	C 15	SWITCH	P/N:1-1100	1	2 POLE, 6 A
5	C 14	SWITCH	P/N:1-1100	1	2 POLE, 6 A
4	C 13	POSITION/NAV/STROBE LGHT	P/N:AVE-WPSTG-20D MOD(1)	1	RIGHT
3	C 12	POSITION/NAV/STROBE LGHT	P/N:AVE-WPSTR-20D MOD(1)	1	LEFT
2	C 11	LANDING LIGHT /LED/	P/N:V-4.5WMR16-W	1	
1	C 10	LANDING LIGHT /LED/	P/N:V-4.5WMR16-W	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
KOPECKÝ		d			
		c			
APPROVED (CVE):		b			
LETANOVSKÝ		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
AEROSPOOL		TITLE: SCHEMATIC LANDING AND POSITION LIGHTS /V-4.5WMR16-W, AVE-WPSTR-20D MOD(1)/			DRAWING NO.: D901000008B
EASA AP-DOA Approval No. AP356		PAGE: 1 OF 1			DATE: 12.04.2018

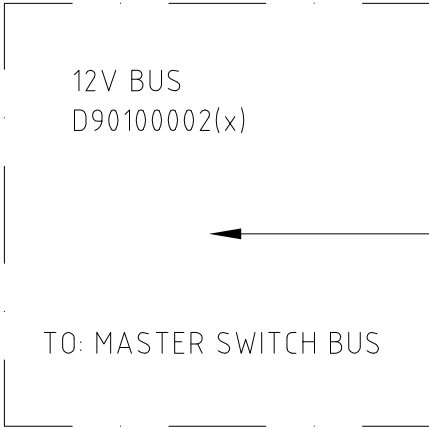


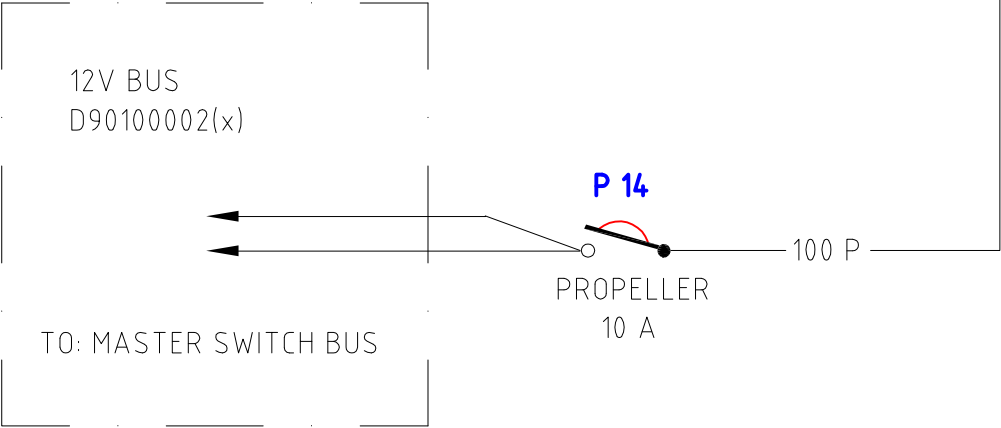
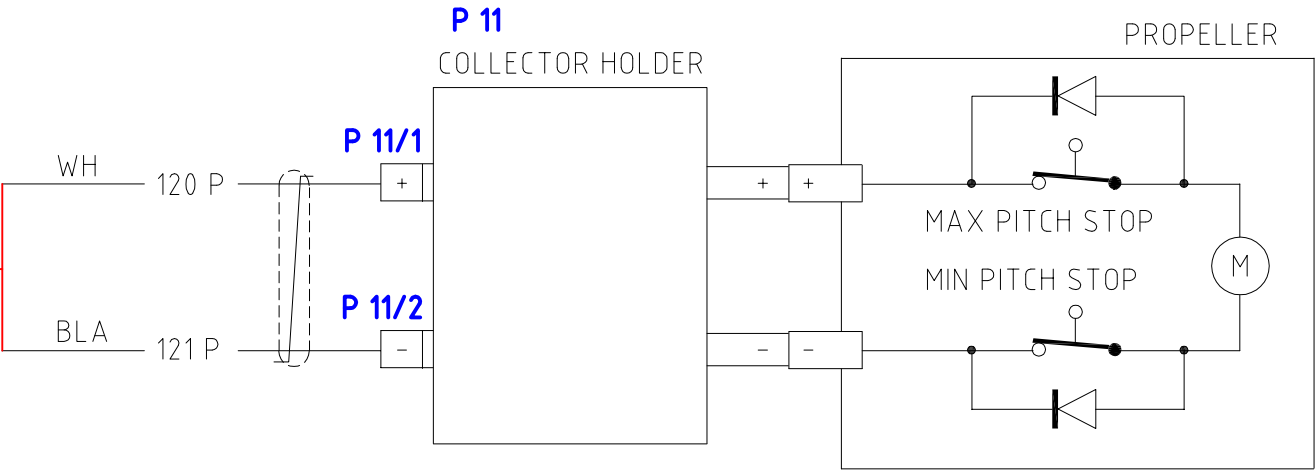
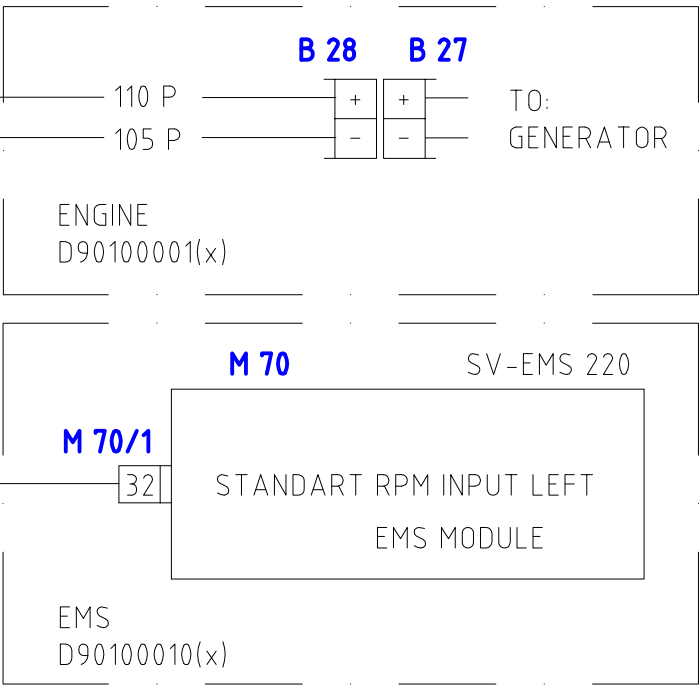
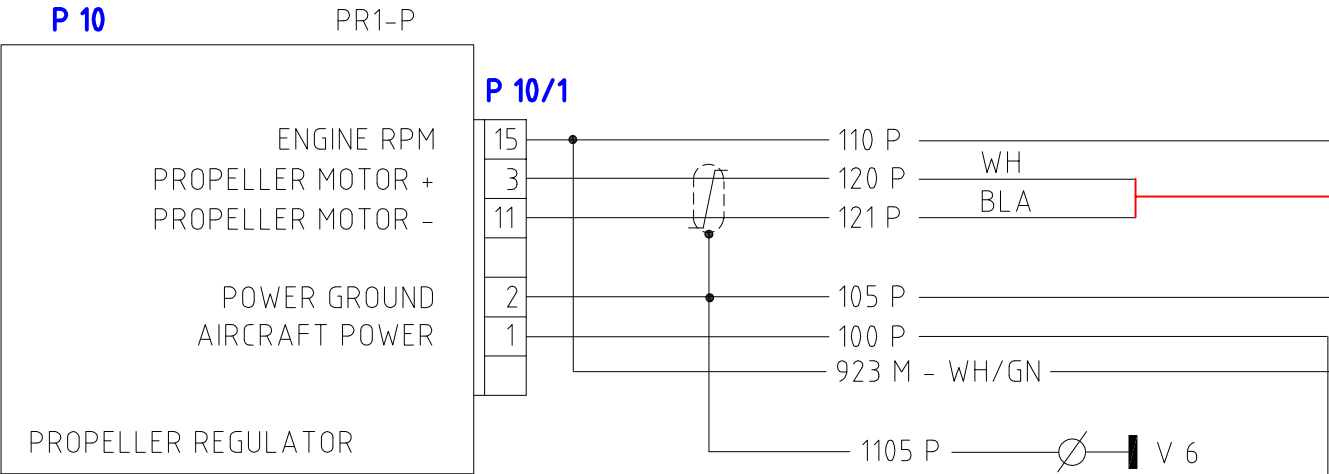
10					
9	V 6	TERMINAL GROUND		1	
8					
7					
6					
5					
4	M 63	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
3	M 62	CIRCUIT BREAKER 5 A	ETA 5 A, P/N:1-007	1	
2	M 61	SWITCH - 2 POLE, 6 A	P/N:1-1100	1	
1	M 60	ELECTRIC FUEL PUMP	P/N:000510, Model E1F	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE):		e			
KOPECKÝ		d			
		c			
APPROVED (CVE):		b			
LETANOVSKÝ		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
AEROSPOOL		TITLE: SCHEMATIC FUEL SYSTEM /MODEL E1F/		DRAWING NO.: D90100009B	
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1		DATE: 12.04.2018			



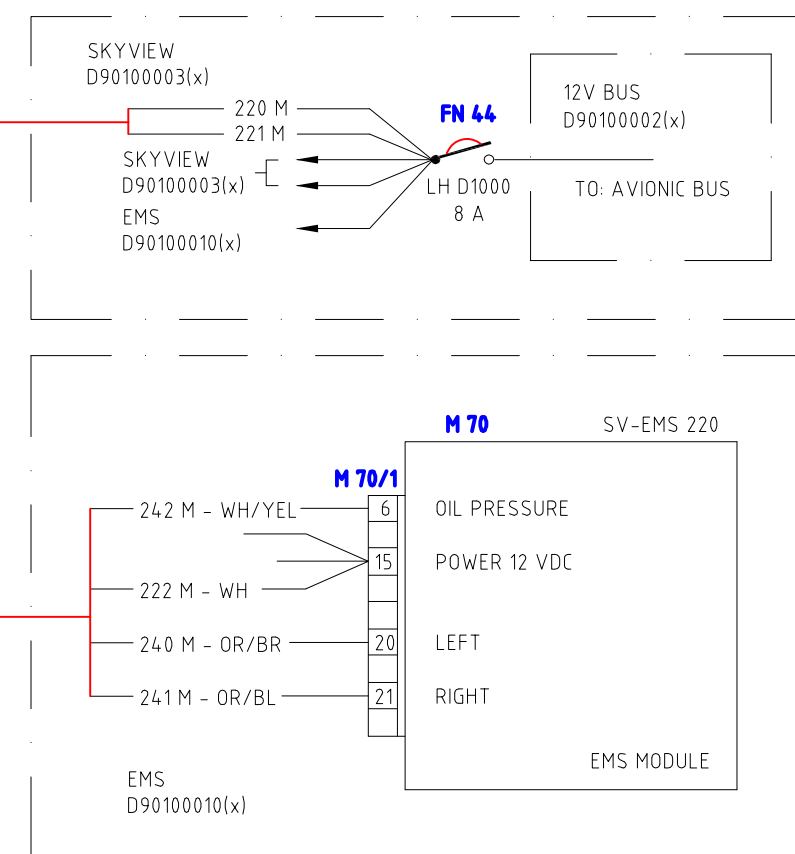


10					
9	V 6	TERMINAL GROUND		1	
8					
7	TA 16	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
6					
5					
4	TA 13	ANTENNA FLARM	INTERNAL ANT. TRX-1500	1	FROM SET
3	TA 12	ANTENNA ADS-B	INTERNAL ANT. TRX-1500	1	FROM SET
2	TA 11	ANTENNA GPS	INTERNAL ANT. TRX-1500	1	FROM SET
1	TA 10	TRAFFIC SENSOR	TRX-1500	1	SET
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE): KOPECKÝ		e			
		d			
		c			
APPROVED (CVE): LETANOVSKÝ		b			
		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
AEROSPOOL EASA AP-DOA Approval No. AP356		TITLE: SCHEMATIC TRAFFIC SENSOR SYSTEM /TRX-1500/			DRAWING NO.: D90100011B
PAGE: 1 OF 1			DATE: 12.04.2018		

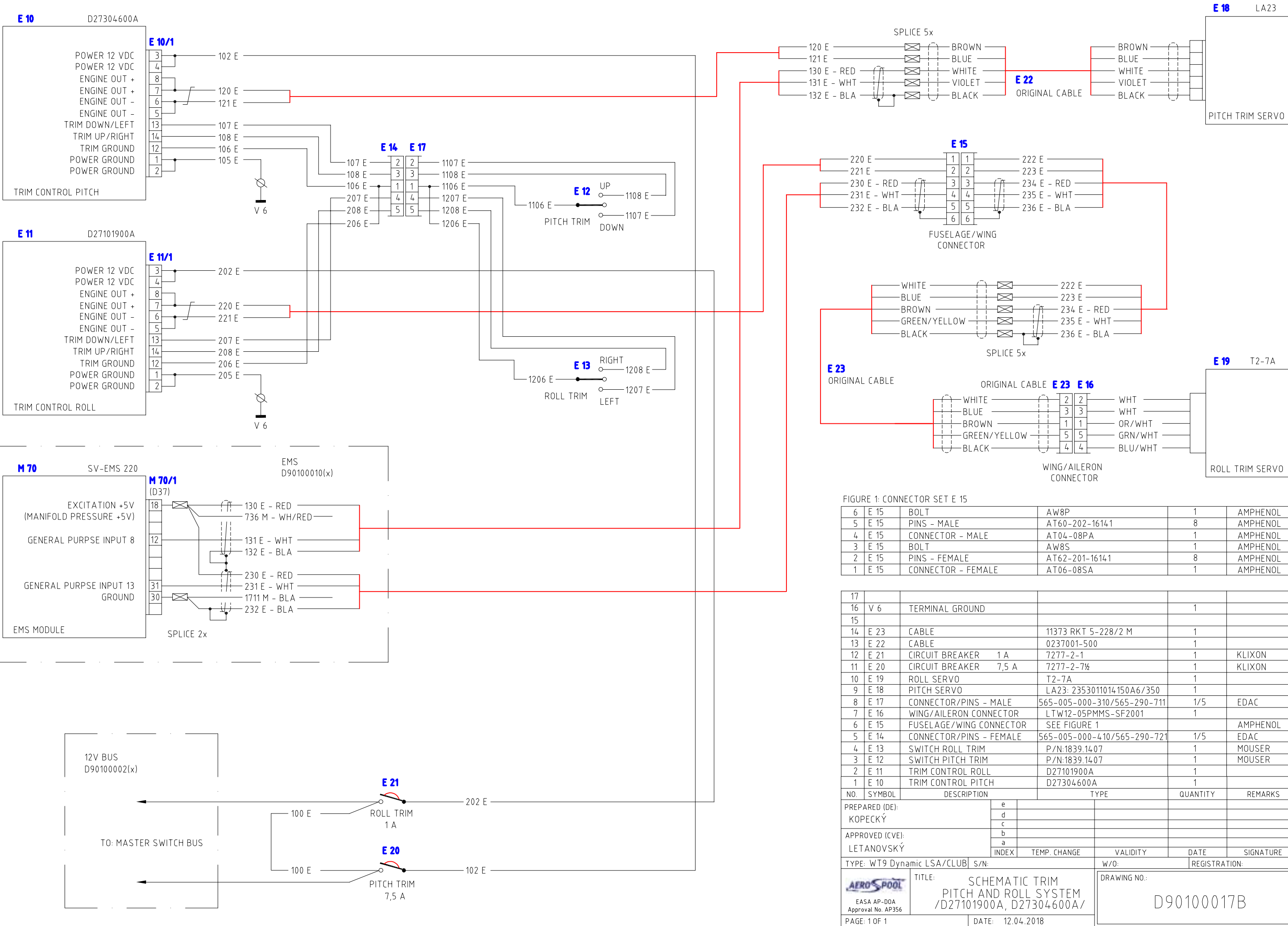


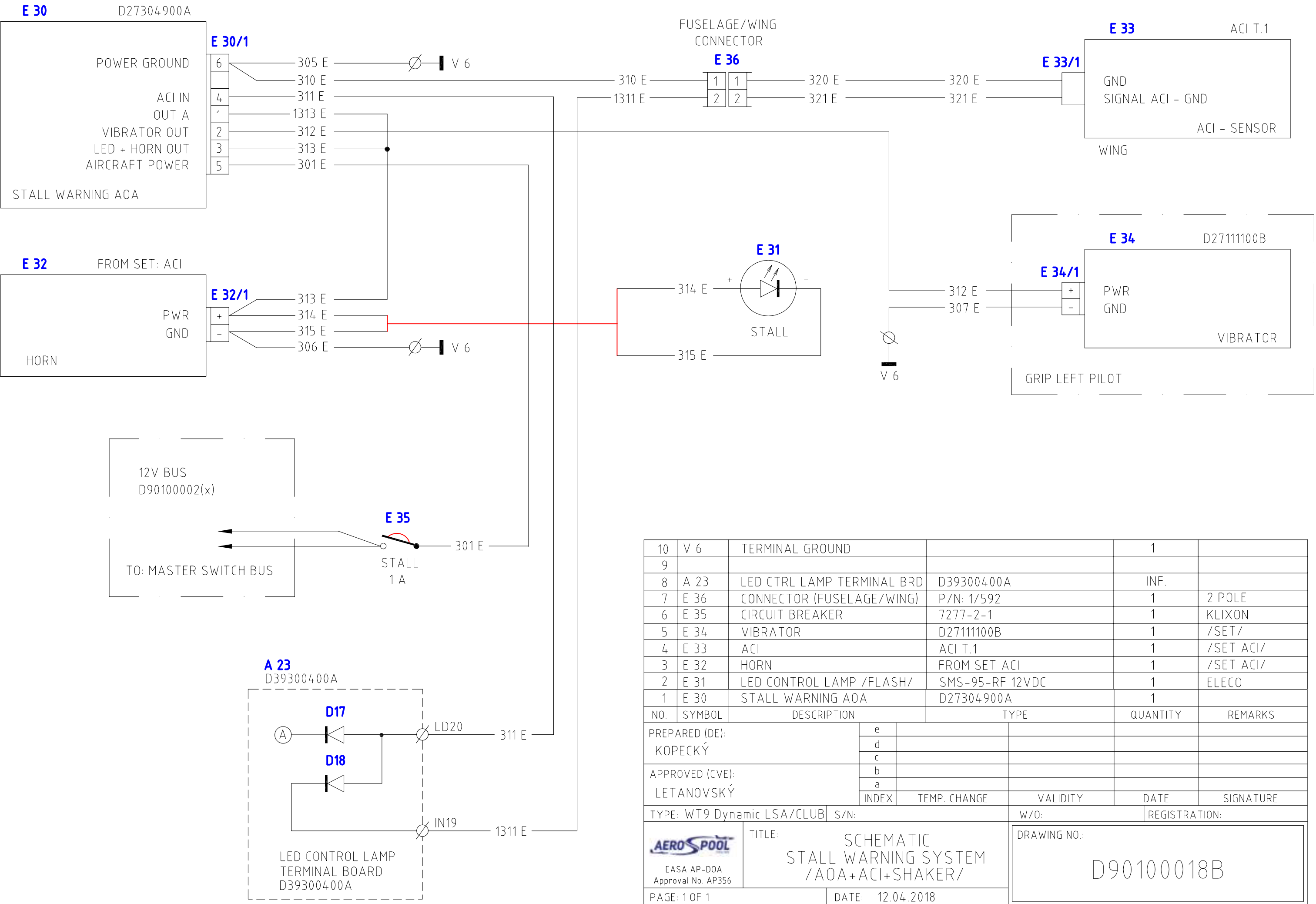


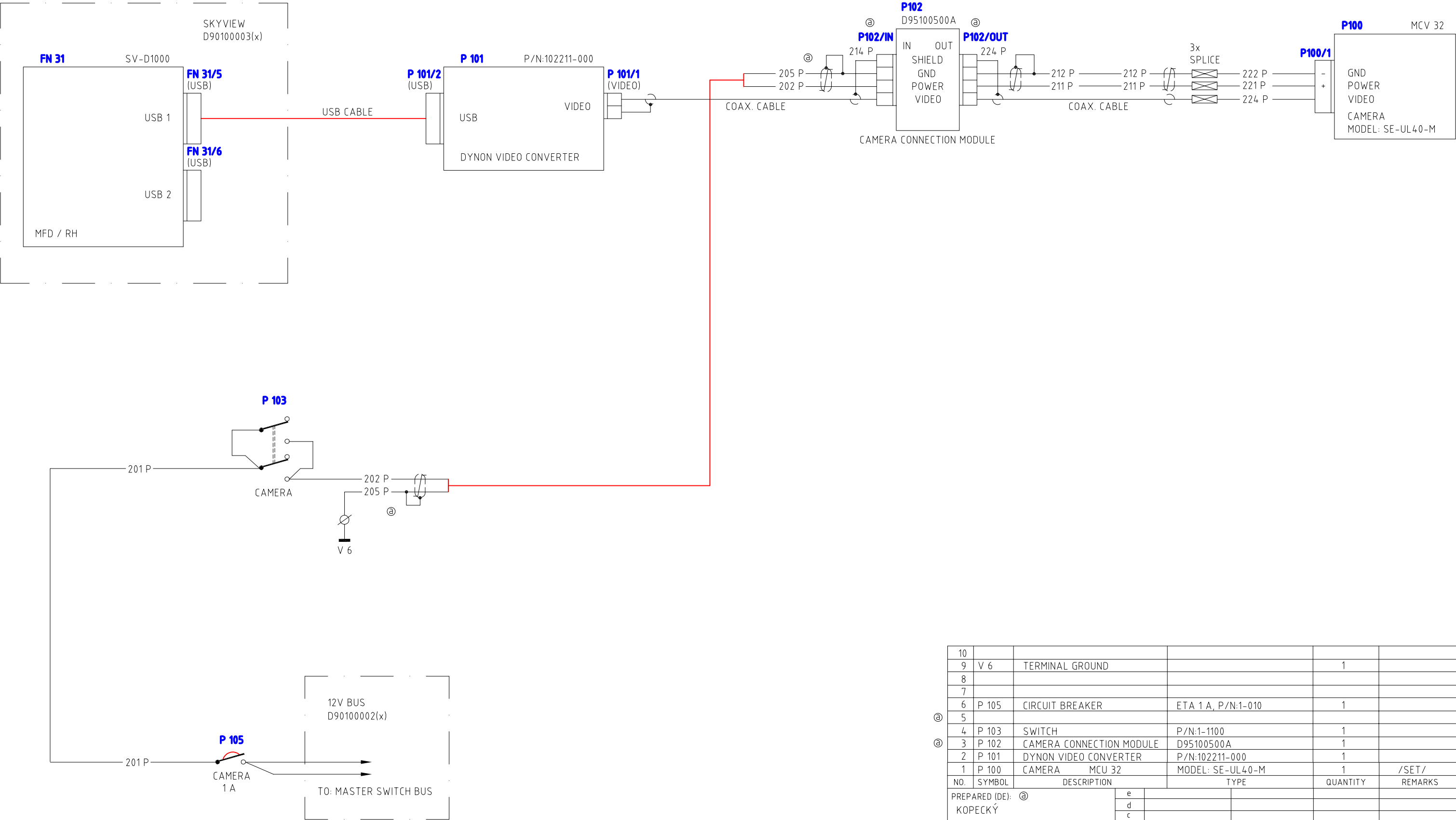
10					
9	V 6	TERMINAL GROUND		1	
8					
7					
6					
5					
4	P 14	CIRCUIT BREAKER	7277-2-10	1	
3					
2	P 11	COLLECTOR HOLDER	FROM PROPELLER SET	1	
1	P 10	PROPELLER REGULATOR	PR1-P	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE): @		e			
KOPECKÝ		d			
		c			
APPROVED (CVE): @		b			
LETANOVSKÝ		a	DE, CVE, OPTIMIZATION	PZ2018-2	12.04.2018
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
AEROSPOOL		TITLE: SCHEMATIC CONSTANT SPEED SYSTEM /PR1-P/			DRAWING NO.: D90100014B
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1			DATE: 31.05.2014		



17					
16	V 6	TERMINAL GROUND		1	
15					
14					
13					
12					
11	M 110	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
10	M 109	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
9	M 108	LED CONTROL LAMP	12 V, 20 mA, P/N:1-191	1	RED
8	M 107	ELECTROLYTIC CAPACITOR	1000 uF/35V, P/N:KM1000/35	1	
7	M 106	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
6	M 105	CIRCUIT BREAKER 1 A	ETA 1 A, P/N:1-010	1	
5					
4	M 103	FUEL LEVER SENSOR	FA10.5013.12	1	
3	M 102	FUEL LEVER SENSOR	FA10.5013.12	1	
2	M 101	OIL PRESSURE SENSOR	P/N:456180	1	
1	M 100	LOW VALUE WARNING	D31500600A	1	
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE): KOPECKÝ		e			
		d			
		c			
		b			
APPROVED (CVE): LETANOVSKÝ		a			
		INDEX	TEMP. CHANGE	VALIDITY	DATE
TYPE: WT9 Dynamic LSA/CLUB			S/N:	W/O:	REGISTRATION:
 EASA AP-D0A Approval No. AP356			TITLE: SCHEMATIC LOW VALUE WARNING SYSTEM /D31500600A/		
			DRAWING NO.: D90100016B		
PAGE: 1 OF 1			DATE: 12.04.2018		







10					
9	V 6	TERMINAL GROUND		1	
8					
7					
6	P 105	CIRCUIT BREAKER	ETA 1 A, P/N:1-010	1	
5					
4	P 103	SWITCH	P/N:1-1100	1	
3	P 102	CAMERA CONNECTION MODULE	D95100500A	1	
2	P 101	DYNON VIDEO CONVERTER	P/N:102211-000	1	
1	P 100	CAMERA MCU 32	MODEL: SE-UL40-M	1	/SET/
NO.	SYMBOL	DESCRIPTION	TYPE	QUANTITY	REMARKS
PREPARED (DE): ③		e			
KOPECKÝ		d			
		c			
APPROVED (CVE): ③		b			
LETANOVSKÝ		a	DE, CVE, OPTIMIZATION	PZ2018-2	12.04.2018
		INDEX	TEMP. CHANGE	VALIDITY	DATE SIGNATURE
TYPE: WT9 Dynamic LSA/CLUB S/N:			W/O: REGISTRATION:		
AEROSPOOL		TITLE: SCHEMATIC CAMERA BACK VIEW SYSTEM /MCU 32 - MODEL SE-UL40-M/		DRAWING NO.: D90100019B	
EASA AP-DOA Approval No. AP356					
PAGE: 1 OF 1		DATE: 16.03.2018			