

LIST OF EFFECTIVE TEMPORARY REVISIONS

Revision No.	Date of revision	Date of insertion by user	Signature	Revision No.	Date of revision	Date of insertion by user	Signature
TR001.05	MAY 08	Incorporated at R2					
TR002.28	JUL 08	Incorporated at R3					
TR003.34	SEP 09	Incorporated at R5					
TR004.25	OCT 09	Incorporated at R5					
TR005.21	NOV 09	Incorporated at R5					
TR006.24	NOV 09	Incorporated at R5					
TR007.53	APR 10	Incorporated at R5					
TR008.05	Reserved						
TR009.71	Reserved						
TR010.04	DEC 10						
TR011.05	MAR 11						
TR012.52	MAR 11						
TR013.20	MAR 11						
TR014.21	MAR 11						
TR015.27	APR 11						

Validity : All

TEMPORARY REVISION No. TR015.27

CAUTION : KEEP THIS PAGE AND POSITION IT BEFORE THE TABLE OF CONTENTS AND STATUS OF CHAPTER 27.

FILING INSTRUCTIONS : Insert this Temporary Revision dated APR 11.

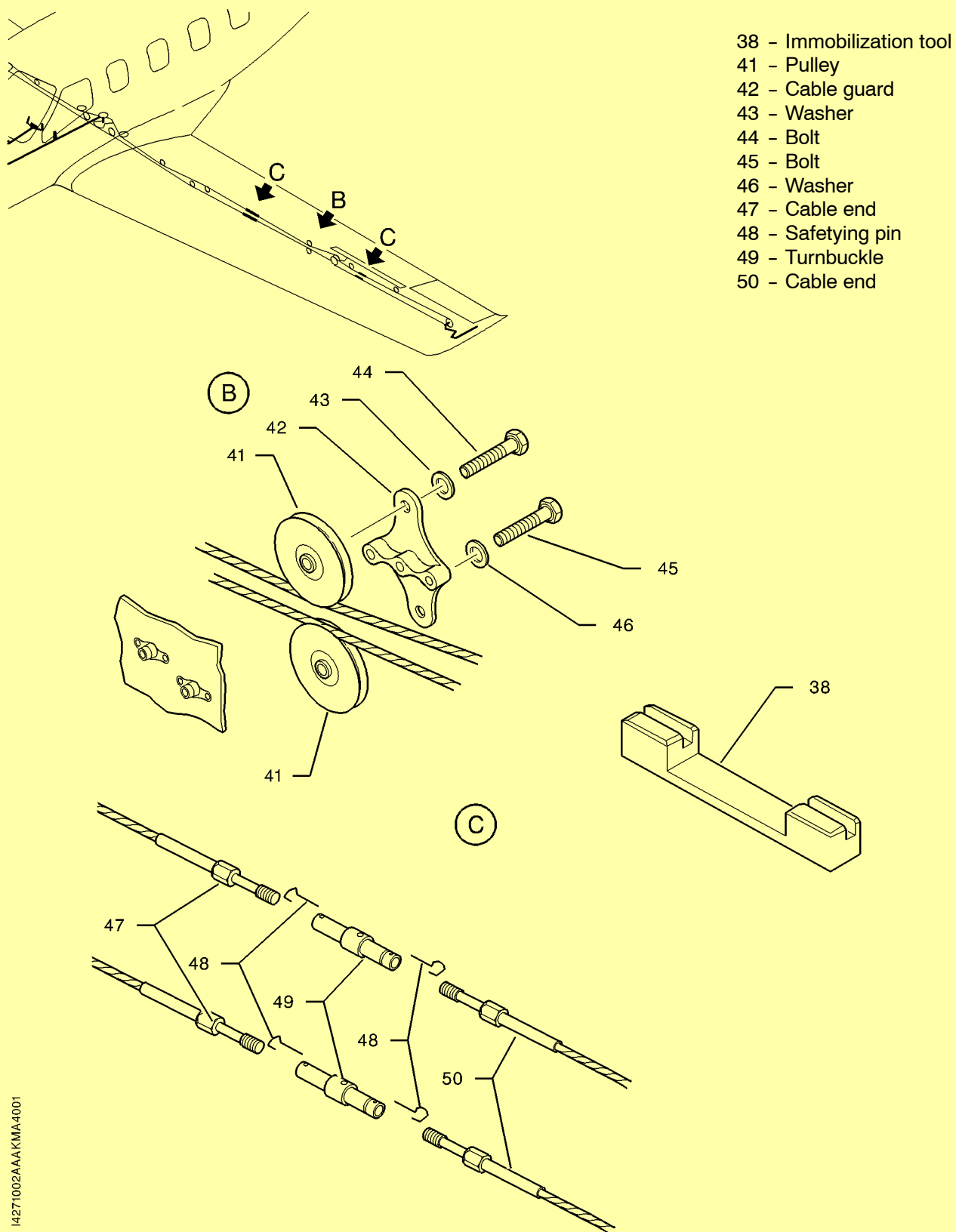
Retain this TR until it is CANCELLED by a normal revision or until replaced by a new TR.

SUBJECT : Aileron control cables.

REASON : To define the correct installation direction of aileron cables.

CONCERNED PAGES :

TOPICS	PAGES	DATE	NOTE
27-10-02 (01)	410	APR 11	
27-10-03 (01)	403, 405	APR 11	



Spoiler mechanism cables - Removal / Installation
 Figure 402

- Mastinox (TB 05-002A)
- Stainless steel lockwire, dia. 0.032 in. (0.8 mm)

B. Installation of aileron cable assembly

- 1) Inspect the interfaces for cleanliness and condition.
- 2) Inspect the teflon cable-guide, cables and the pulleys for condition - refer to 20-10-04 and 20-10-05.
- 3) If pulley assembly (7) has been removed, proceed as follows
 - a) Position rod (43) onto pulley assembly (7) equipped with lever (62).
 - b) Install bolt (41) lubricated with grease (TB 04-004A), washer (61) and nut (60).
 - c) Safety with a new cotter pin (59).
 - d) Position the pulley assembly on the spar.

CAUTION : DO NOT INVERT THE TWO CABLES, THE LONGEST ONE IS TO BE INSTALLED ON WING TIP SIDE, WITH L.H. THREADED END IN UPPER SECTION.

- 4) Coat peg (6) of aileron cable with Mastinox (TB 05-002A).
- 5) Insert peg (6) into pulley (7), with L.H. threaded cable end positioned in upper section.

NOTE : L.H. threaded end is marked by a notch on the hexagonal section.

- 6) Install cable guard (1) with bolts (3) and (4) and washers (2) and (5).
- 7) Insert peg (33) coated with Mastinox (TB 05-002A) into pulley (34) with L.H. threaded cable end positioned in lower section.

NOTE : L.H. threaded end is marked by a notch on the hexagonal section.

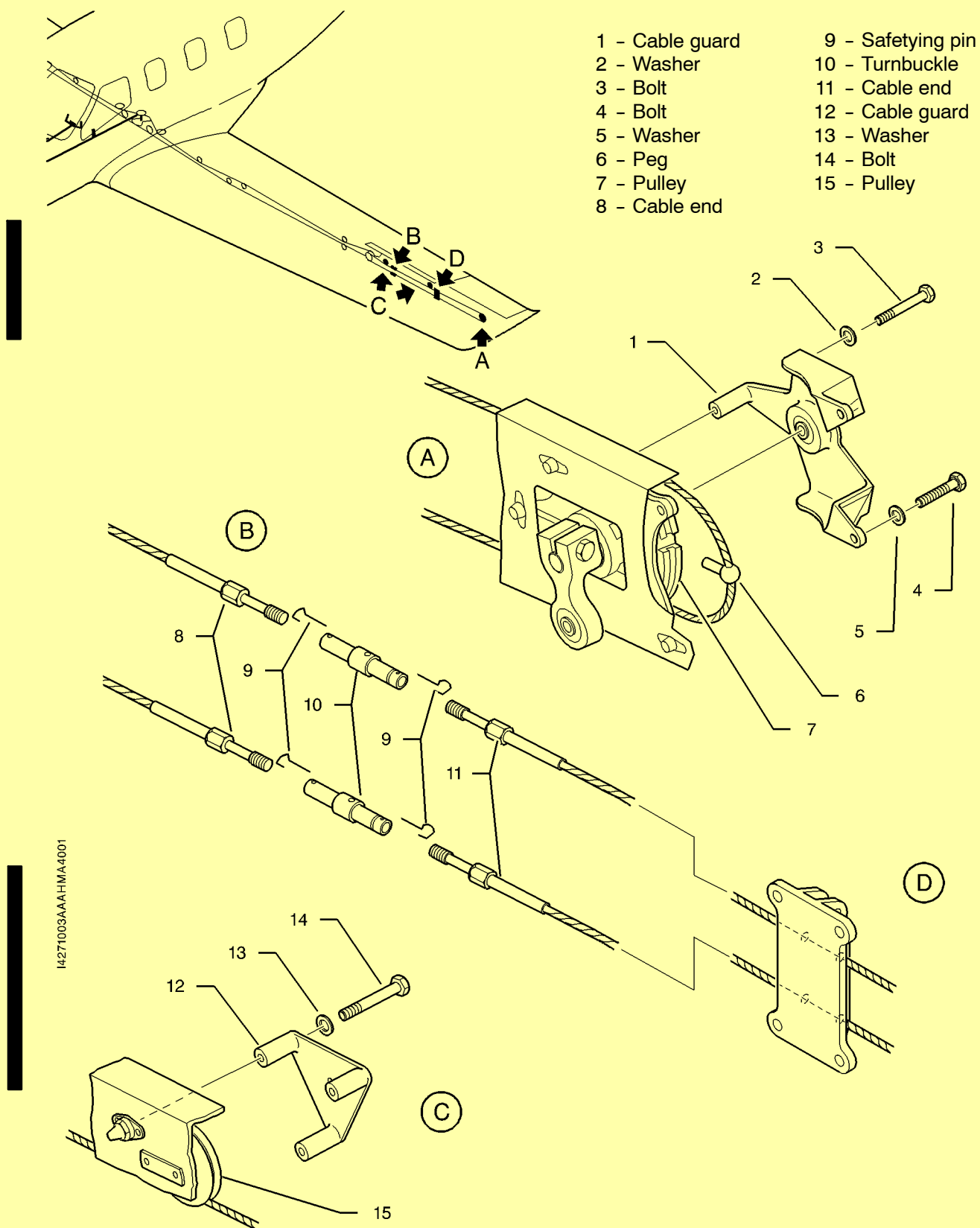
- 8) Install spoiler mechanism assembly (21) with bolts (28) and (23) and washers (29) and (22).
- 9) Engage rod (31) into fitting (27).
- 10) Install bolt (30) lubricated with grease (TB 04-004A), washer (26) and nut (25).
- 11) Safety with a new cotter pin (24).
- 12) Position the cables on the two pulleys (15) and install cable guards (12) with bolts (14) and washers (13).
- 13) Lubricate cable ends (8) and (11) with grease (TB 04-004A).
- 14) Link aileron cables with the two turnbuckles (10).

NOTE : Turnbuckles (10) and cable ends (8) and (11) are L.H. threaded and R.H. threaded ; the L.H. threaded end is marked by a notch on the hexagonal section of cable ends (8) and (11), and by a groove on one end of turnbuckles (10).

- 15) Immobilize cable ends (8) and (11) while tightening turnbuckles (10) with immobilization tool (32).
- 16) Screw each turnbuckle by the same number of turns, including the spoiler cables.

CAUTION : IF THE STORAGE INSTRUCTIONS DEFINED BY THE MANUFACTURER IN SERVICE LETTER LS 70-010-27 "FLIGHT CONTROL CABLES" ARE NOT COMPLIED WITH, CHECK THE TENSION OF THE CABLES AFTER THE FIRST FLIGHT FOLLOWING CABLE REPLACEMENT.

- 17) Check the tension of the cables - refer to 27-10-00.



Aileron control - Removal / Installation
Figure 401

Validity : All