



SERVICE BULLETIN

INSPECTION OF SLINGSBY T67 FIREFLY AIRCRAFT FOR FITTING OF UNDERCUT BOLTS

1. PLANNING INFORMATION

A. EFFECTIVITY

T67 Firefly - T67A, T67B, T67C series, T67M, T67M-MkII, T67M200 and T67M260.

B. CONCURRENT REQUIREMENTS

Service Bulletin 187/188 latest issue

C. REASON

During routine maintenance an engineer found a replacement bolt which had an undercut. An investigation into the effects of an undercut bolt determined that there was no reduction in strength but there could be structural stability consequences in certain areas. This Service Bulletin (SB) requires replacement of any undercut bolts in areas where structural stability may be affected.

Refer to Figure 1 for an example of both acceptable and unacceptable undercut bolts.

D. DESCRIPTION

This Service Bulletin details the inspection of positions on the T67 Firefly where an undercut bolt may be present. As the inspection schedule is different for some locations on the aircraft, it has been subdivided into two parts, where appropriate.

Part A of this SB details the inspection for undercut bolts on the T67 rudder pedals.

Part B of this SB details the inspection for undercut bolts used in locations other than the T67 Firefly rudder pedals.

The tables in Figure 2 through 19 list the bolt locations that shall be inspected. Diagrams in each figure are for illustrative purposes only, and should be read in conjunction with the aircraft manuals to aid identification. Any discrepancy or confusion is to be reported to Marshall ADG in the first instance.

Note: Undercut bolts installed in other positions are not affected by this S.B.

E. COMPLIANCE

Part A of this Service Bulletin (Section 3, Paragraph D, 'Inspection'), should be completed at the next scheduled inspection, checking for clearance between rudder pedal and mixture/prop. speed bracket. Refer to Service Bulletin 187/188, as applicable to the aircraft type.

Part B of this Service Bulletin (Section 3, Paragraph D, 'Inspection'), should be completed on or before the next annual.

F. APPROVAL

The technical content of this document is approved under the authority of DOA ref. EASA.21J.181

**MARSHALL AEROSPACE
SERVICE BULLETIN**

G. MANPOWER

Part A

Two persons – approximate man-hours, to complete part A, per person (waiting time, e.g. delivery times / drying times, not included) as follows:

Preparation	1	
Inspection	2	
Re-assembly	1	
Checks	1	
Records	0.25	
Total (Max.)		5.25

Part B

Two persons – approximate man-hours, to complete part B, per person (waiting time, e.g. delivery times / drying times, not included) as follows:

Preparation	4	
Inspection	1.5	
Re-assembly	4	
Checks	1	
Records	0.25	
Total (Max.)		10.25

Part A and Part B

Two persons – approximate man-hours, to complete part A and B, per person (waiting time, e.g. delivery times / drying times, not included) as follows:

Preparation	6	
Inspection	2	
Re-assembly	6	
Checks	1	
Records	0.25	
Total (Max.)		15.25

H. WEIGHT AND BALANCE

None

I. ELECTRICAL LOAD DATA

Not changed

J. SOFTWARE SUMMARY

Not Applicable.

MARSHALL AEROSPACE SERVICE BULLETIN

K. REFERENCES

Marshall ADG - Advanced Composites (formerly Marshall Slingsby Advanced Composites, MSAC) Firefly T67 or T67M260 Illustrated Parts Catalogue (IPC) as applicable to aircraft type. - Where an IPC is not available for the aircraft, e.g. T67A, T67B, T67M, the relevant diagrams and information from the above IPCs have been included in this Service Bulletin.

Marshall ADG – Advanced Composites (formerly MSAC) Aircraft Maintenance Manual (AMM) as applicable to aircraft type.

SB 187 or SB 188, latest issue, as applicable to aircraft type.

L. OTHER PUBLICATIONS AFFECTED

Not Applicable

M. INTERCHANGEABILITY/INTERMIXABILITY OF PARTS

Not Applicable

2. MATERIAL INFORMATION

A. MATERIAL – PRICE AND AVAILABILITY

Price on purchase

B. INDUSTRY SUPPORT INFORMATION

Not Applicable.

C. MATERIAL NECESSARY FOR EACH AIRCRAFT

Not Applicable

D. MATERIAL NECESSARY FOR EACH SPARE

The following spares are required for the replacement of certain bolts. Refer to the IPC

Wire Locking – MSAC part number 120-08-012

Adhesive – MSAC part number 126-51-067

Adhesive – MSAC part number 126-51-029

E. RE-IDENTIFIED PARTS

Not Applicable.

F. TOOLING AND AVAILABILITY

Not Applicable.

MARSHALL AEROSPACE SERVICE BULLETIN

3. ACCOMPLISHMENT INSTRUCTIONS

A. MAINTENANCE PRACTICES

WARNING **DO NOT ATTEMPT TO MAINTAIN, REPAIR, REBUILD, OVERHAUL OR REMANUFACTURE THIS UNIT OR ANY OF ITS COMPONENTS EXCEPT IN STRICT ACCORDANCE WITH THE METHODS, TECHNIQUES AND PRACTICES SPECIFIED IN THIS SERVICE BULLETIN**

WARNING **OBEY ALL WARNINGS, CAUTIONS AND MAINTENANCE PRACTICES. IF YOU DO NOT OBEY THIS WARNING THERE IS A RISK OF INJURY TO PERSONNEL AND/OR DAMAGE TO THE EQUIPMENT.**

WARNING **TAKE PROTECTION AGAINST INHALATION OF CADMIUM DUST**

WARNING **WHILST WORKING IN THE ENGINE BAY OBSERVE ALL STANDARD PROCEDURES FOR WORKING ON THE ENGINE AS PER MAINTENANCE MANUAL**

- (1) Observe all safety procedures.
- (2) All engineering and local procedures are to be observed whilst embodying this Service Bulletin.
- (3) After inspection ensure aircraft's engine bay is clean and clear of tools and miscellaneous equipment.
- (4) After first inspection ensure full duplicate inspection.
- (5) After inspection ensure aircraft is FOD free.
- (6) Support aircraft with trestles (**Part B only**)

B. OTHER SERVICE BULLETINS

Not Applicable

C. PREPARATION

- (1) Prior to proceeding, ensure that the Service Bulletin has been read in its entirety and understood.
- (2) Check T67 log book for variant and any embodied modifications.
- (3) Some bolts, shown in Figure 2 through Figure 19, are aircraft variant and Mod specific. The tables associated with each of these figures provide the aircraft variant and Mod on which each bolt is installed. Fill in the 'check' column for reference in Section 3, Paragraph D, Part B, Step 1.
- (4) Ensure that notes are made of the positions of removed items to aid correct re-assembly.

MARSHALL AEROSPACE SERVICE BULLETIN

- (5) If stock is held of any bolt part which appears in the tables associated with Figure 2 through Figure 19, these must be inspected for undercuts.
 - (a) If undercut is found, the bolt must be rejected to scrap.
 - (b) If no undercut is found, the bolt can be returned to stores.

D. INSPECTION

Part A - Inspection for undercut bolts on the T67 rudder pedals.

- (1) At all applicable locations identified in the tables within Figure 11 to Figure 19, gain access to applicable bolts by following the appropriate AMM chapter.
- (2) Remove, inspect and replace the identified bolts, and check for undercut as defined in Figure 1. The bolts should be inspected one at a time. Figure 1 gives examples of preferred, acceptable and unacceptable bolt thread run-out.
 - (a) If no undercut or damage is found, then the bolt can be re-installed in the same location. Replace the bolt ensuring that, if appropriate, correct locking occurs and the bolt is tightened to the correct torque for its application.
 - (b) If an undercut or damage is found, record the location of the undercut bolt. The bolt is to be replaced with a new replacement part as identified in each Figure (11 through 19).

Note: Rejected undercut bolts can be re-installed whilst further inspections are carried out - the undercut bolts must be replaced with a new part before any further flights. The rejected bolt should be identified with red paint or similar.

- (3) Discard/destroy any rejected undercut bolts found as part of this inspection
- (4) Once a new replacement bolt has been acquired, replace the rejected bolt ensuring that any washers / spacers, adhesives or locking are replaced.
- (5) If items of aircraft have been removed to gain access to any bolts, these should be reinstalled, and the associated checks and duplicate checks stated in the AMM should be followed. Also remove any supports once installation is complete.

MARSHALL AEROSPACE SERVICE BULLETIN

Part B - Inspection for undercut bolts used in locations other than the T67 Firefly rudder pedals, as identified in Figure 2 through Figure 10.

- (1) At all locations defined in accordance with Section 3, Paragraph C, Step 3, gain access to the identified bolt by following the appropriate AMM chapter.
- (2) Remove, inspect and replace the identified bolts one at a time ensuring that appropriate support is used where necessary.

Inspect the bolt for an undercut or damage. An example of a standard bolt and an undercut bolt are shown, for comparison, in Figure 1.

- (a) If no undercut or damage is found, then the bolt can be re-installed in the same location. Replace the bolt ensuring that, if appropriate, correct locking occurs, and the bolt is tightened to the correct torque for its application. Refer to the AMM.
- (b) If an undercut or damage is found, record the location of the undercut bolt. The bolt is to be replaced with a standard bolt as identified in each Figure (2 through 10).

Note: The undercut bolts can be temporarily re-installed and further inspections carried out. The undercut bolts must be replaced with a standard bolt before any further flights. The undercut bolt should be identified with red paint or similar.

- (3) Discard/destroy any undercut bolts found as part of this inspection
- (4) Once a standard bolt has been acquired, replace the rejected bolts ensuring that any washers / spacers, adhesives or locking are replaced.
- (5) If items of aircraft have been removed to gain access to any bolts, these should be reinstalled, and the associated checks and duplicate checks stated in the AMM should be followed. Also remove also any supports once installation is complete.

B. MODIFICATION

Not applicable.

C. TESTING

- (1) The appropriate checks from the relevant AMM should be followed for any component or system affected by this Service Bulletin, including duplicate checks for controls.
- (2) This Service Bulletin requires bolts to be removed from locking anchor nuts and stiff nuts. When re-installing/replacing bolts, ensure that correct locking and torque is applied, by following the procedure from the appropriate chapter of the relevant AMM.

MARSHALL AEROSPACE SERVICE BULLETIN

D. COMPLETION

- (1) Annotate airframe logbook, or aircraft record, in accordance with local requirements, with Service Bulletin 193 carried out.
- (2) Fill in the form found in Annex A of this Service Bulletin.
- (3) For any replaceable parts or materials contact Marshall-Slingsby Product Support Department contact details as below:

Gemma Hodgson
Marshall-Slingsby Advanced Composites
Ings Lane
Kirkbymoorside
North Yorkshire
England
YO62 6EZ

Tel. no. +44 (0) 1751 432474

Email: gemma.hodgson@marshall-slingsby.com

**MARSHALL AEROSPACE
SERVICE BULLETIN**

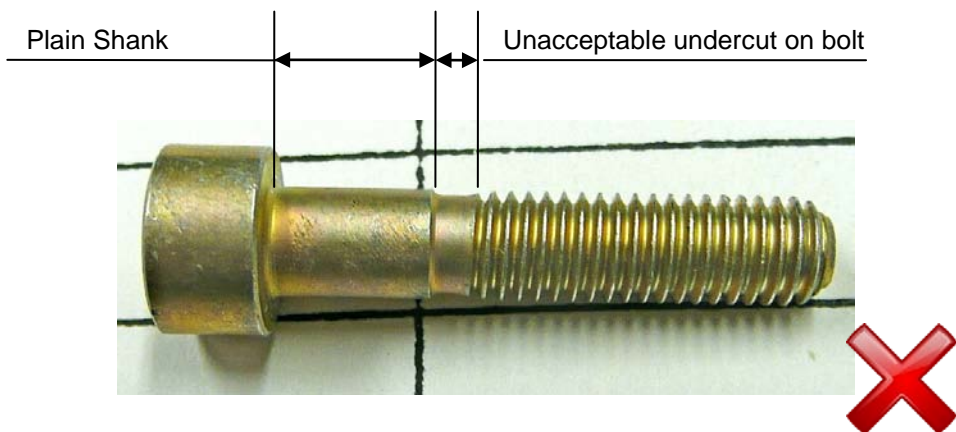
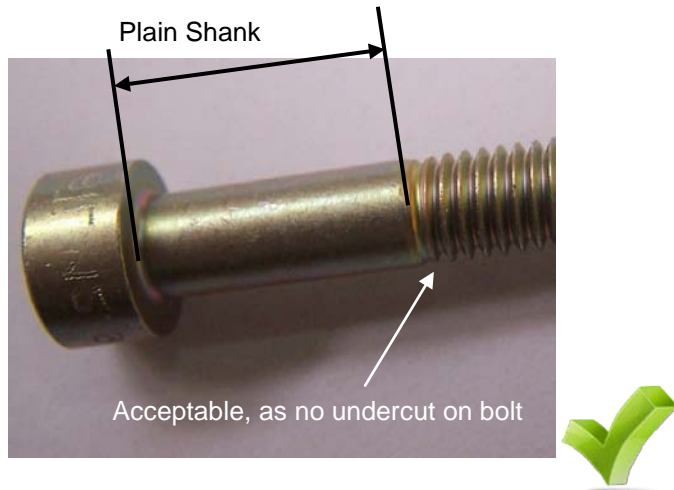
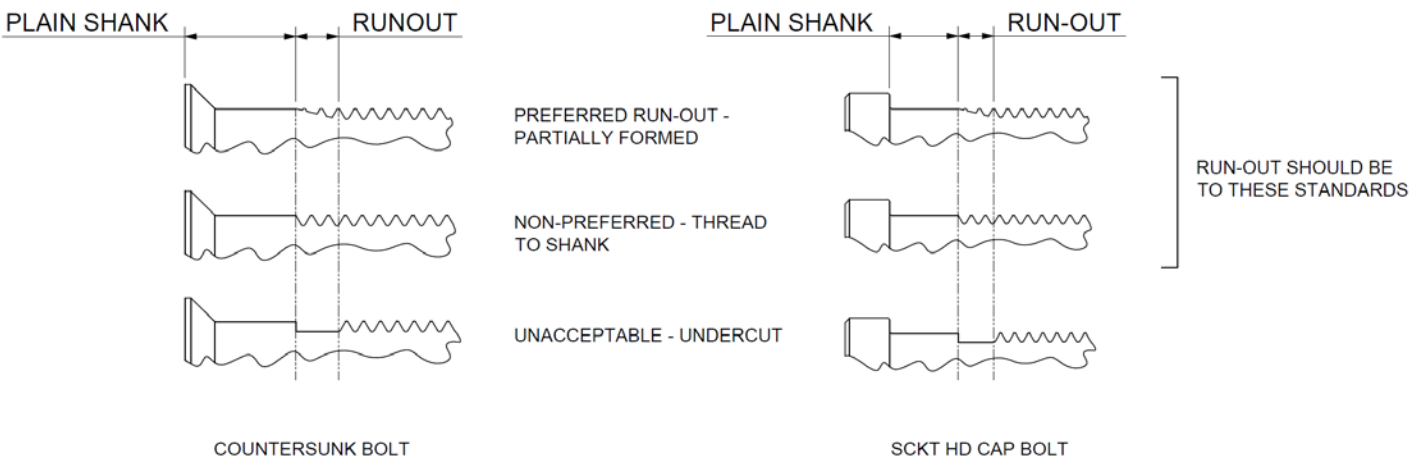
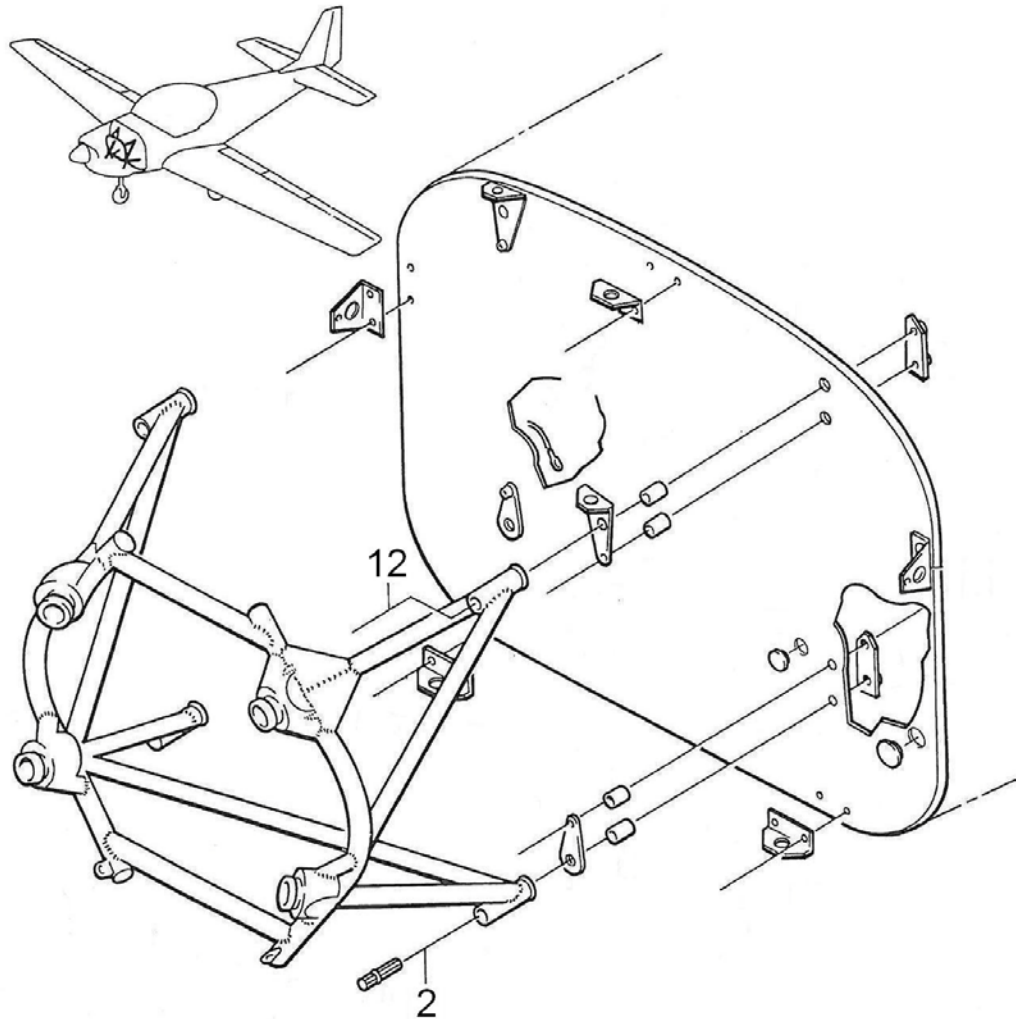


Figure 1

**ACCEPTABLE AND UNACCEPTABLE BOLTS. FOR GUIDANCE DURING BOLT INSPECTION.
REFER TO SECTION 3, PARAGRAPH D, PART A AND B STEP 2.**

**MARSHALL AEROSPACE
SERVICE BULLETIN**

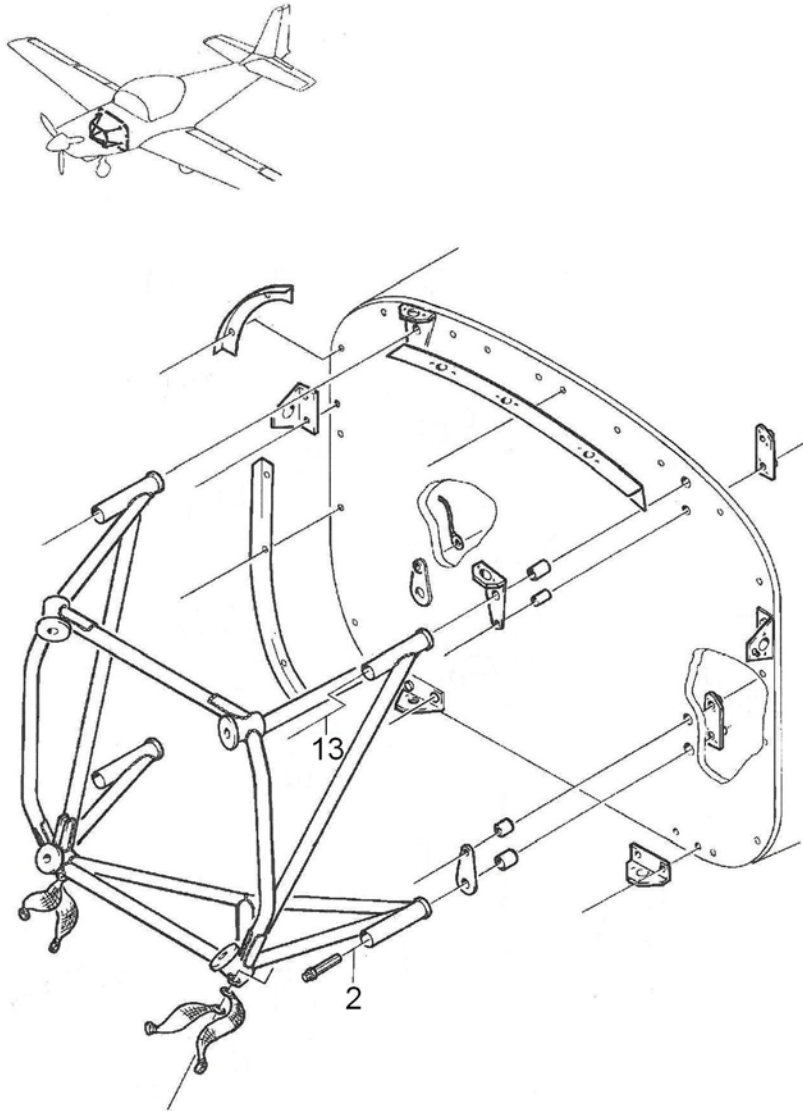


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
2	126-21-097	Sckt hd cap screw, shank 24.25mm	T67C & M-MkII, Post Mod M442	2	
12	126-21-097	Sckt hd cap screw, shank 24.25mm	T67C & M-MkII, Post Mod M442	2	

**Figure 2 - Engine mounting frame on T67
From IPC Firefly T67, Chapter 15, Figure 4**

EXPLODED VIEW OF ENGINE MOUNTING FRAME, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

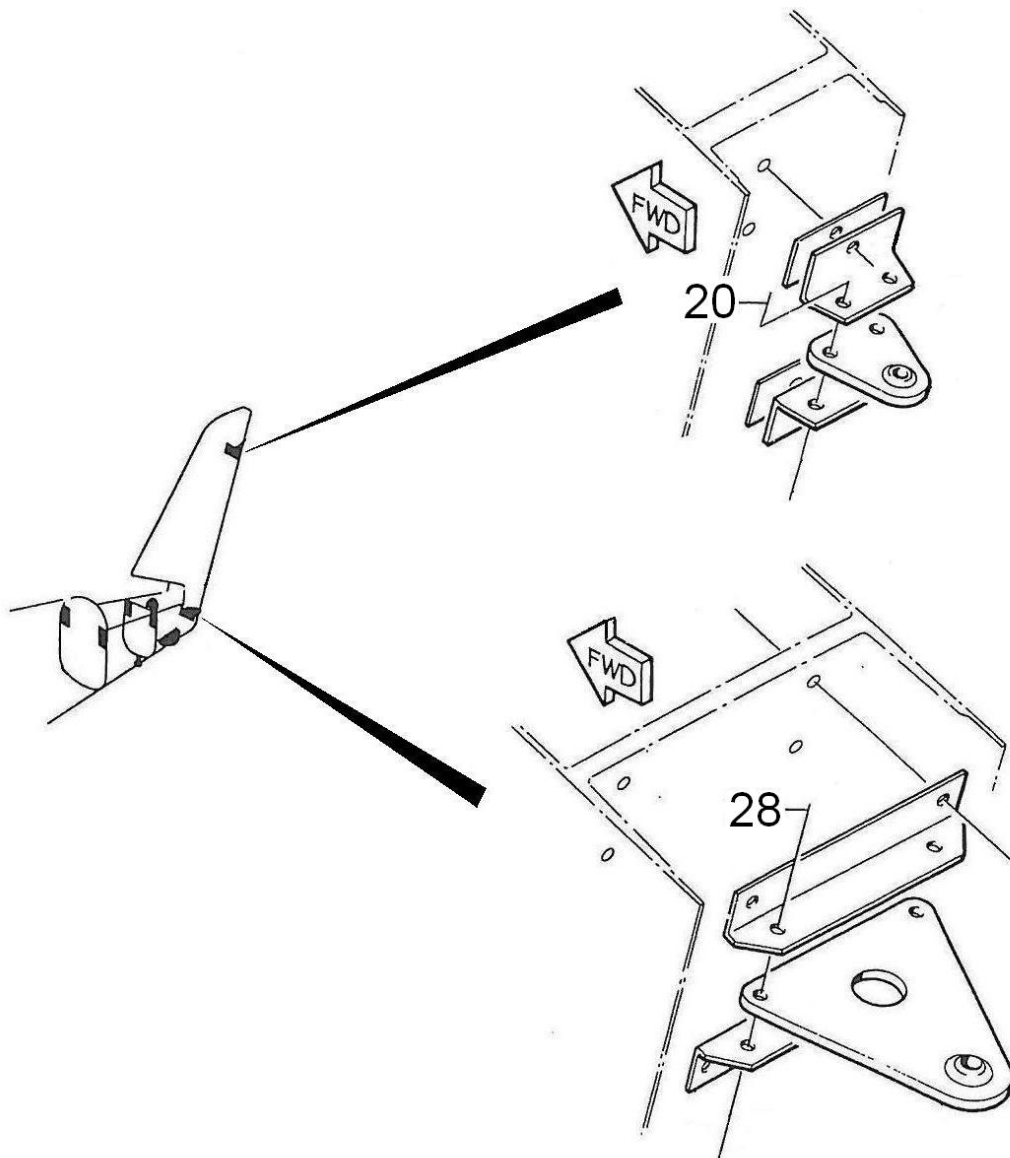


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
2	126-21-097	Sckt hd cap screw, shank 24.25mm	All M260	2	
13	126-21-930	Sckt hd cap screw, shank 24.25mm	All M260	2	

**Figure 3 - Engine mounting frame on the T67M260 Variant
From IPC Firefly T67M260, Chapter 15, Figure 2**

EXPLODED VIEW OF ENGINE MOUNTING FRAME ON THE T67 M260, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 23, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

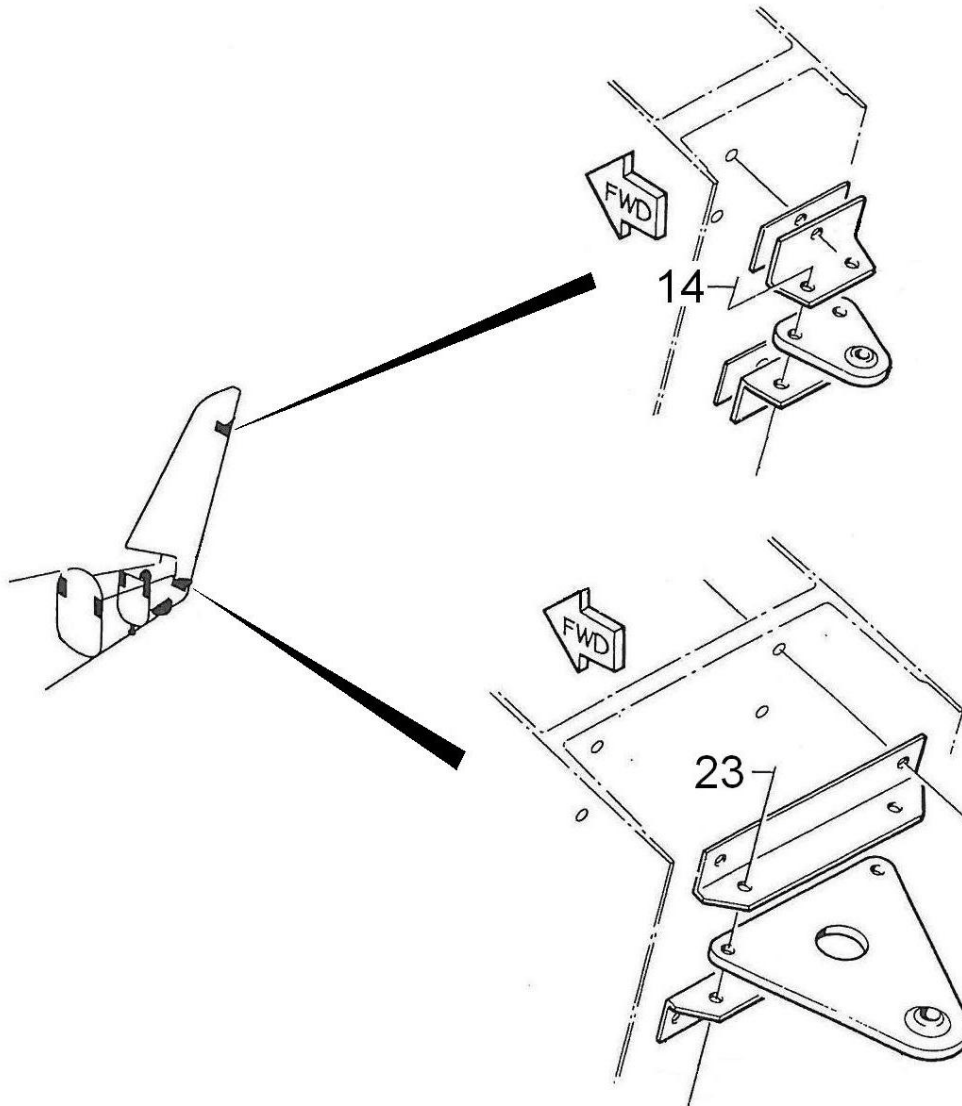


Item	Replacement Part Number	Description	Applicability	Units Per a/c	Check ✓ or ✗
20	126-21-080	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	2	
28	126-21-049	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	2	

**Figure 4 - Rudder lower hinge plate on T67
From IPC T67, Chapter 15, Figure 6**

EXPLODED VIEW OF RUDDER LOWER HINGE PLATE, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

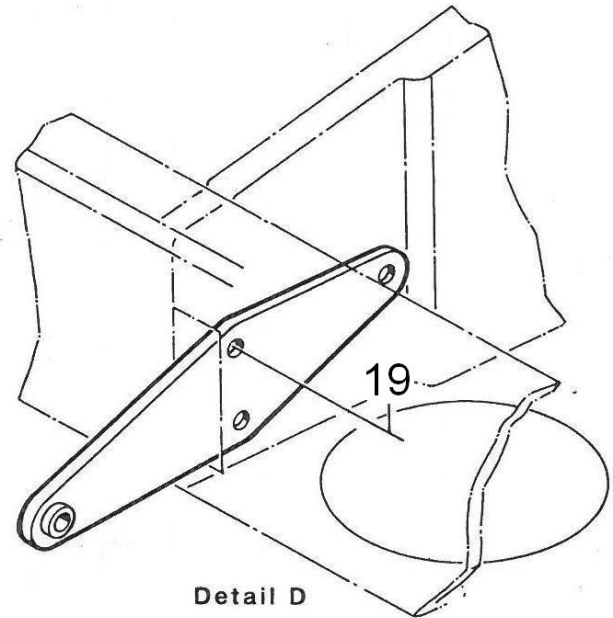
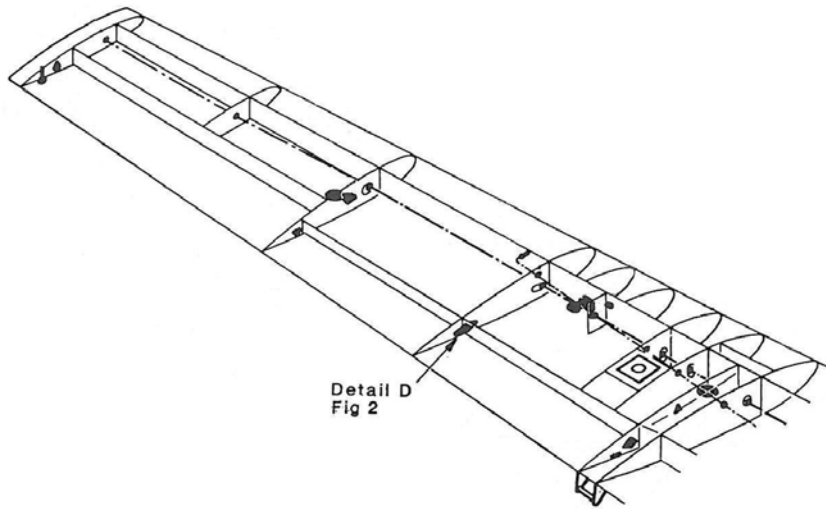


Item	Replacement Part Number	Description	Applicability	Units Per a/c	Check ✓ or ✗
14	126-21-049	Screw, sckt hd cap, shank 7mm	All M260	2	
23	126-21-049	Screw, sckt hd cap, shank 7mm	All M260	2	

**Figure 5 - Rudder lower and upper hinge plates on T67M260 variant
From IPC T67M260, Chapter 15 Figure 4**

EXPLODED VIEW OF RUDDER LOWER AND UPPER HINGE PLATE, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE

**MARSHALL AEROSPACE
SERVICE BULLETIN**

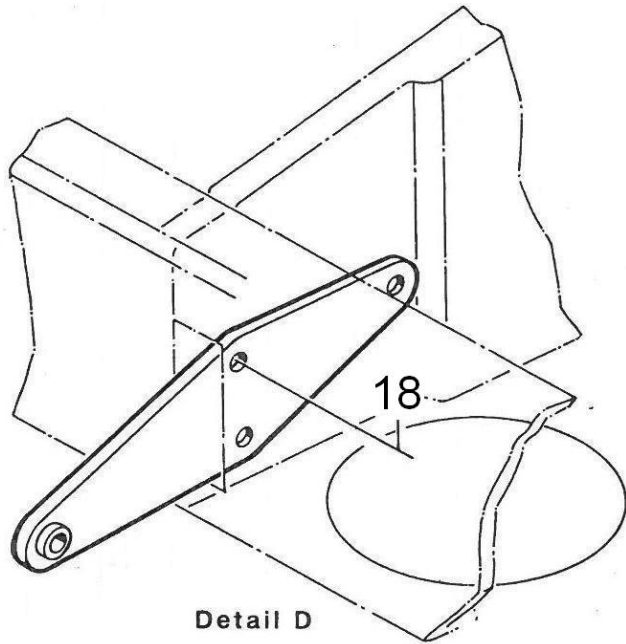
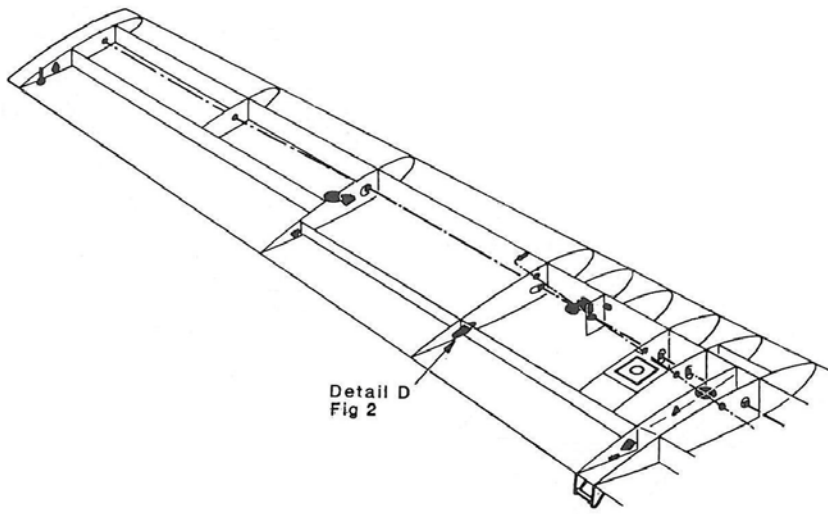


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
19	126-21-049	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	6 (3 per mainplane)	

**Figure 6 - Flap centre bearing plate on T67 alongside its location within both sides of the mainplane
From IPC T67, Chapter 16, Figure 2**

EXPLODED VIEW OF THE FLAP CENTRE BEARING PLATE, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

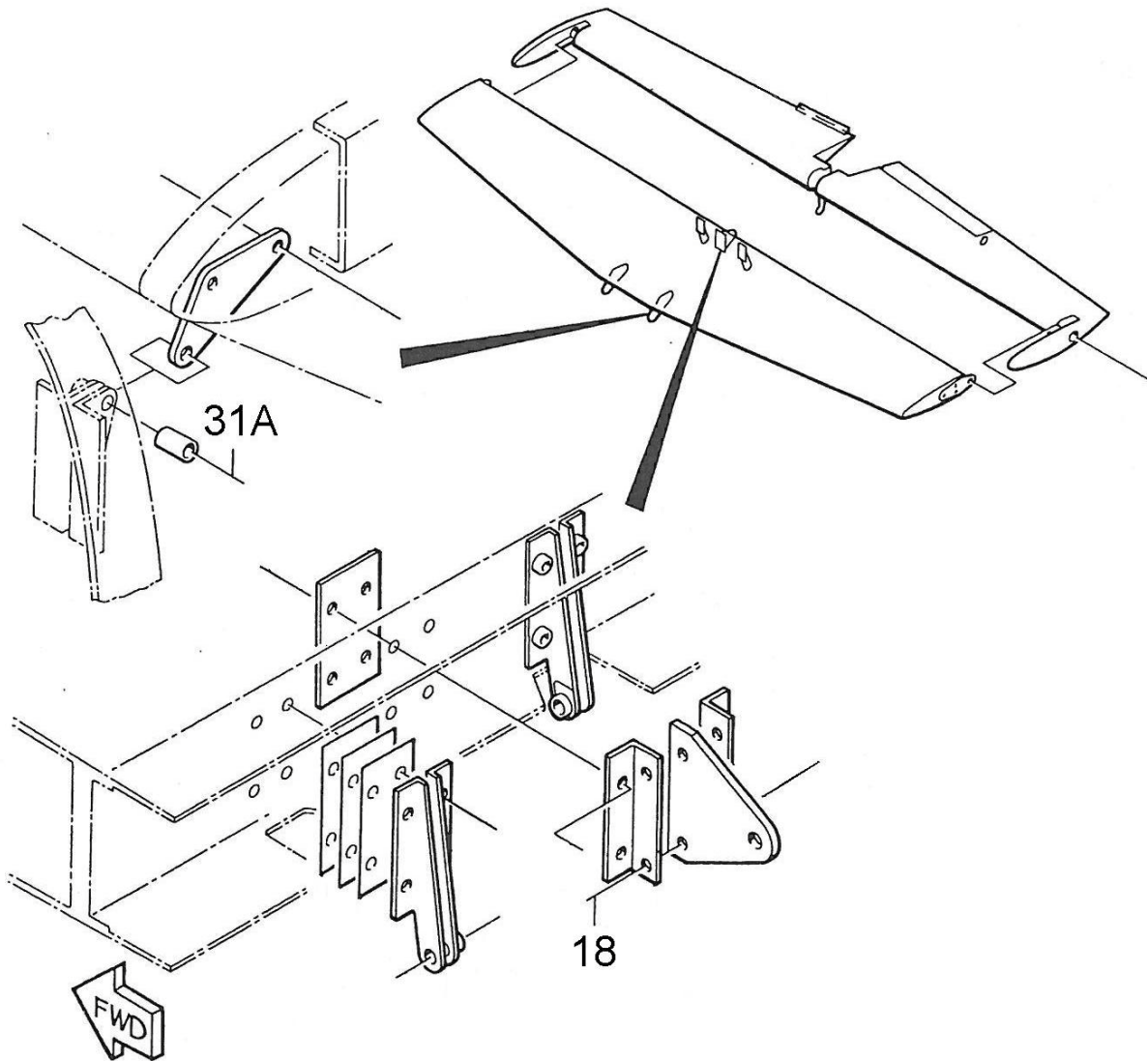


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
18	126-21-049	Screw, sckt hd cap, shank 7mm	All M260	6 (3 per mainplane)	

**Figure 7 - Flap centre bearing plate on the T67M260 variant alongside its location within both sides of the mainplane
From IPC T67M260, Chapter 16, Figure 2**

EXPLODED VIEW OF THE FLAP CENTRE BEARING PLATE, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

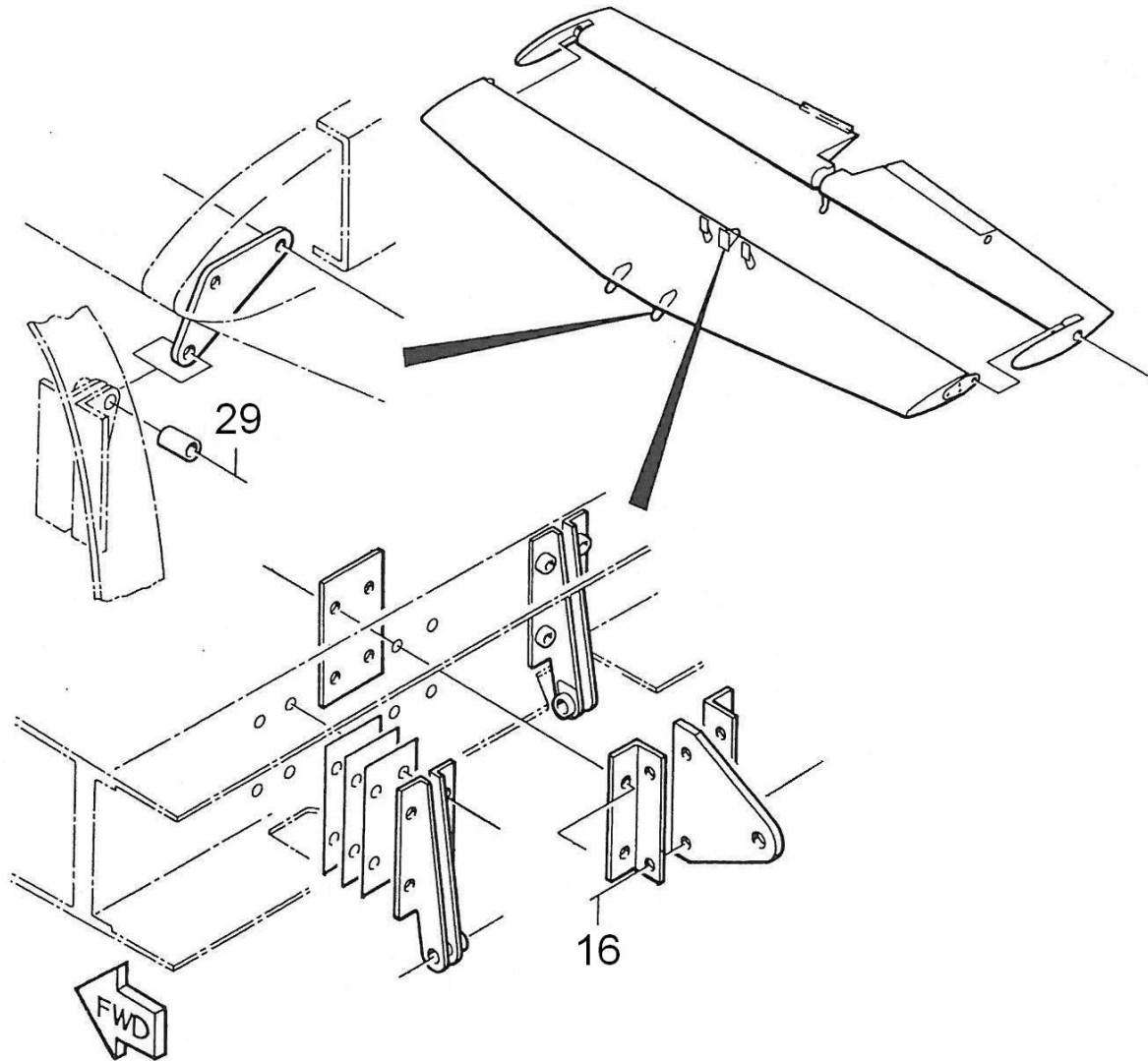


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
18	126-21-049	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	6 (3 per mainplane)	
18	126-21-013	Screw, sckt hd cap, shank 2mm	T67A	6 (3 per mainplane)	
31A	T67B-08-529	Bolt, sckt hd cap (fwd), shank 32mm	T67B, C, M, M-MkII, M200 Post Mod M541	2	

**Figure 8 - Central elevator hinge bracket and tailplane forward location bracket on T67
From IPC T67, Chapter 17, Figure2**

EXPLODED VIEW OF THE CENTRAL ELEVATOR HINGE PLATE AND TAILPLANE FORWARD LOCATION BRACKET, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**



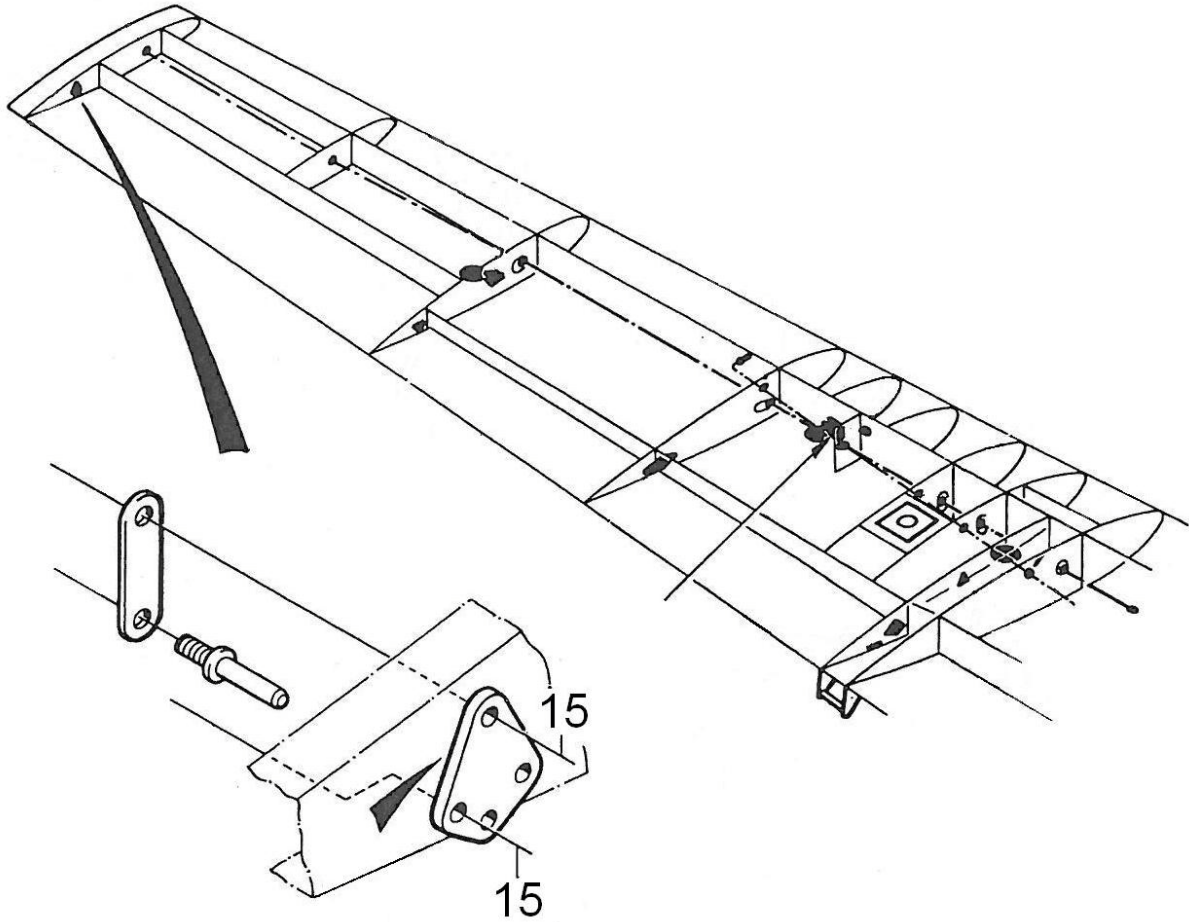
Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
16	126-21-049	Screw, sckt hd cap, shank 7mm	All M260	6 (3 per mainplane)	
29	T67B-08-529	Bolt, sckt hd cap (fwd), shank 32mm	All M260	2	

Figure 9 - Central elevator hinge bracket and tailplane forward location bracket on T67M260 variant

From IPC T67M260, Chapter 17, Figure 2

EXPLODED VIEW OF THE CENTRAL ELEVATOR HINGE PLATE AND TAILPLANE FORWARD LOCATION BRACKET, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

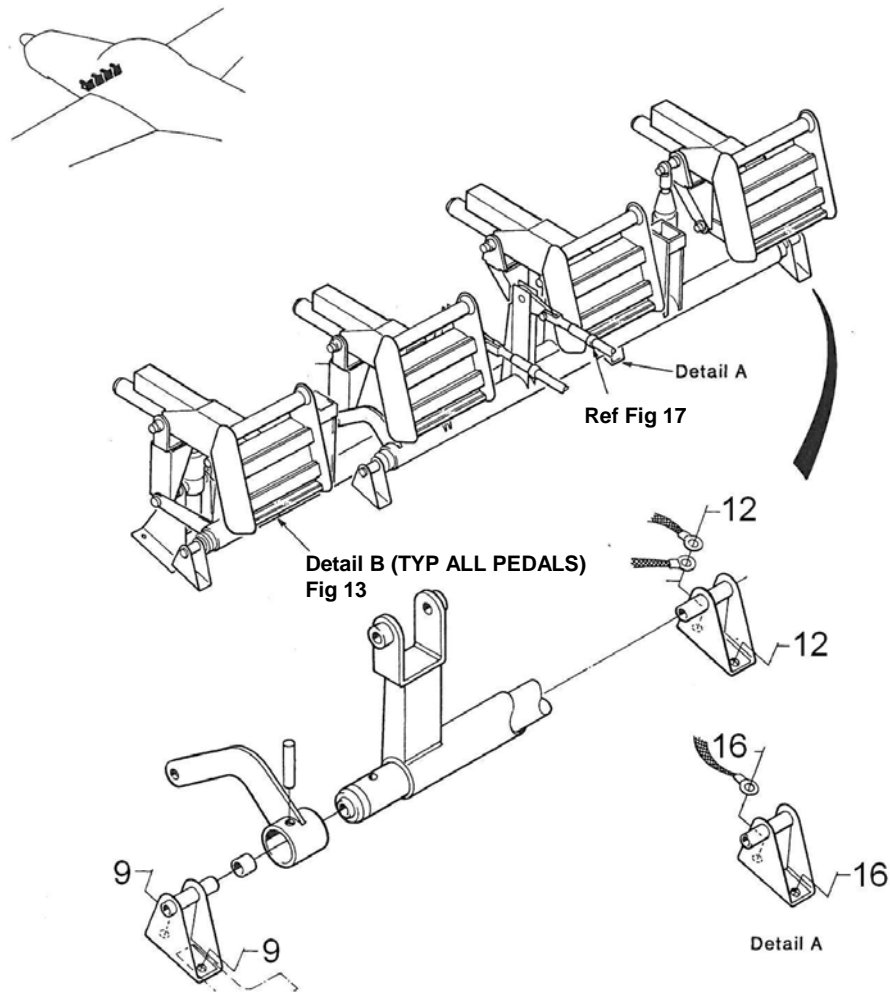


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
15	126-21-114	Screw, sckt hd csk, shank 7mm	T67B, C, M, M-MkII, M200, M260	6 (3 per mainplane)	
15	126-21-105	Screw, sckt hd csk, shank 17mm	T67A	6 (3 per mainplane)	

**Figure 10 - Aileron pin support plate on T67
From IPC T67, Chapter 16, Figure 1**

EXPLODED VIEW OF THE AILERON PIN SUPPORT PLATE, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 23, PARAGRAPH D, PART B, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

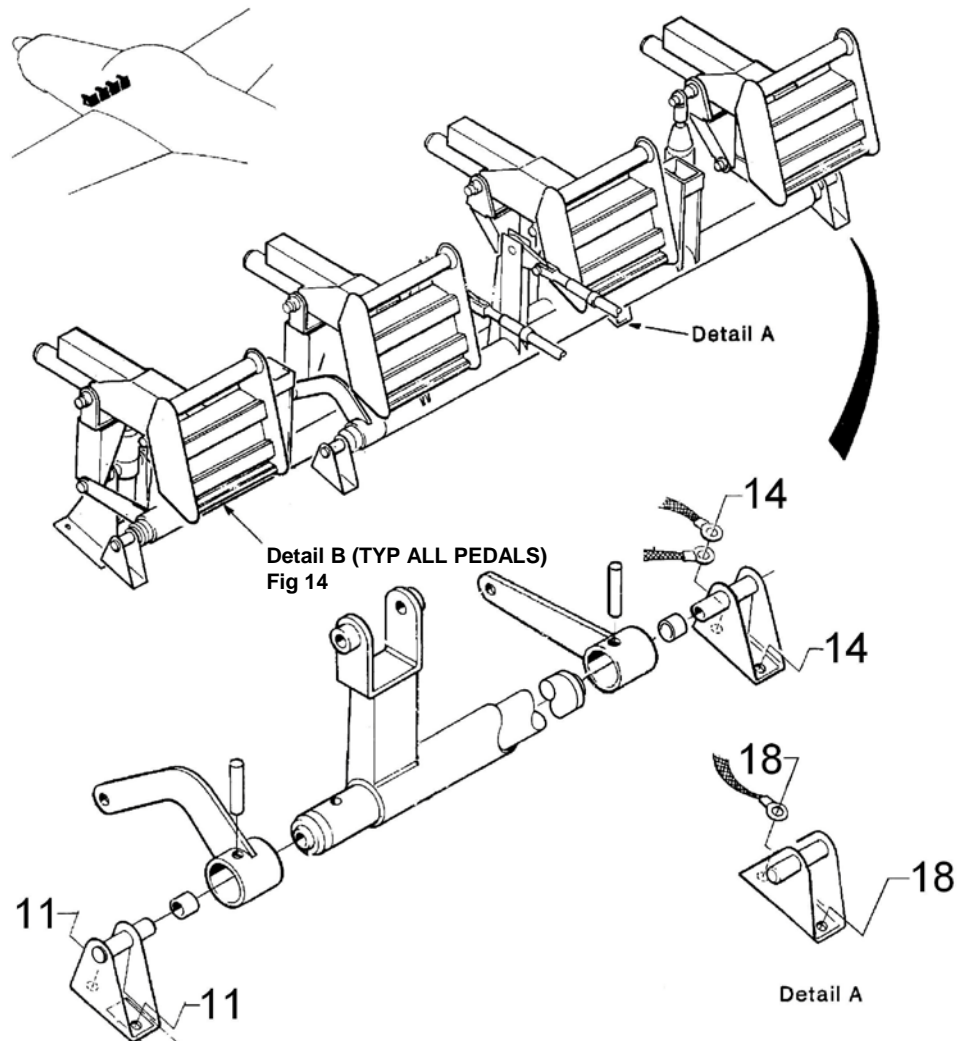


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
9	126-21-015	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	2	
12	126-21-013	Screw, sckt hd cap, shank 2mm	T67B, C, M, M-MkII, M200	2	
16	126-21-013	Screw, sckt hd cap, shank 2mm	T67B, C, M, M-MkII, M200	2	

**Figure 11 - Rudder Bar on T67
From IPC T67, Chapter 19, Figure 7**

EXPLODED VIEW OF RUDDER BAR, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

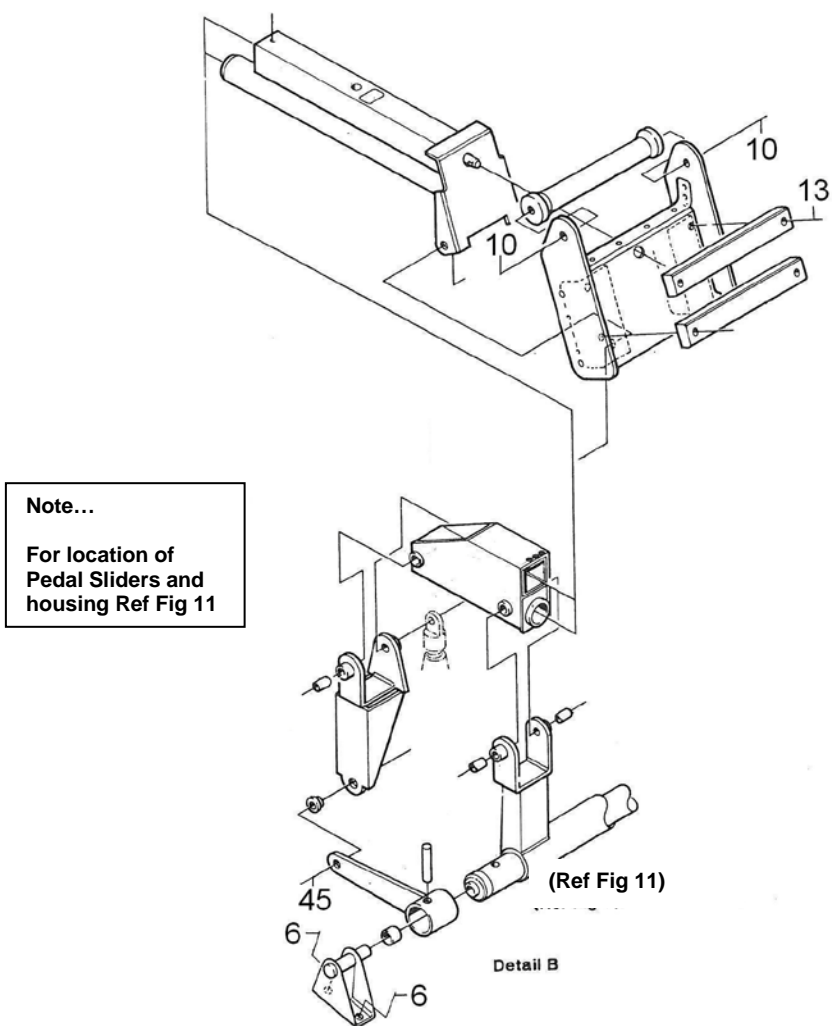


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
11	126-21-015	Screw, sckt hd cap, shank 7mm	All M260	2	
14	126-21-013	Screw, sckt hd cap, shank 2mm	All M260	2	
18	126-21-013	Screw, sckt hd cap, shank 2mm	All M260	2	

**Figure 12 - Rudder Bar on T67M260
From IPC T67M260, Chapter 19, Figure 7**

EXPLODED VIEW OF RUDDER BAR, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

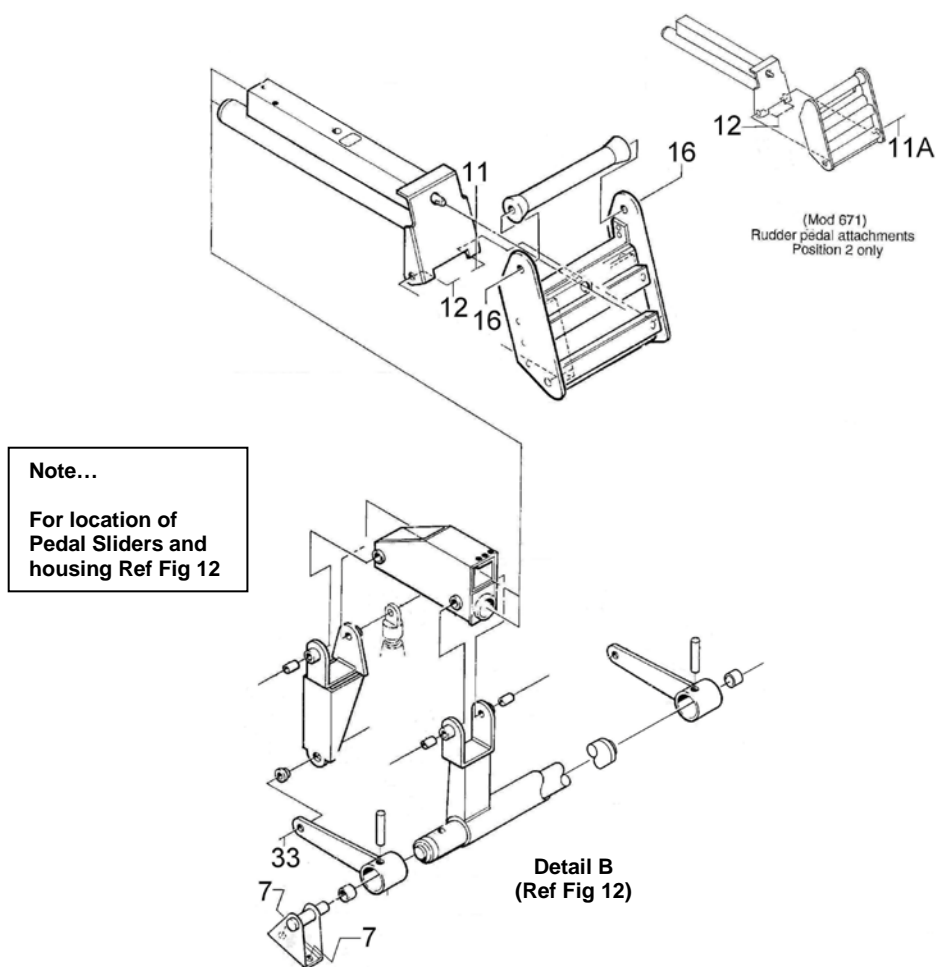


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
6	126-21-013	Screw, sckt hd cap, shank 2mm	T67B, C, M, M-MkII, M200	2	
10	126-21-121	Screw, sckt hd csk cap, shank 1.75mm	T67B, C, M, M-MkII, M200	8	
13	126-21-119	Screw, sckt hd csk cap, shank 1.75mm	T67B, C, M, M-MkII, M200	8	
45	126-21-080	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200	4	

**Figure 13 - Rudder Pedals on T67
From IPC T67, Chapter 19, Figure 8**

EXPLODED VIEW OF RUDDER BAR, INDICATING BOLTS WHICH REQUIRE INSPECTIONS AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2 ON EACH PEDAL. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

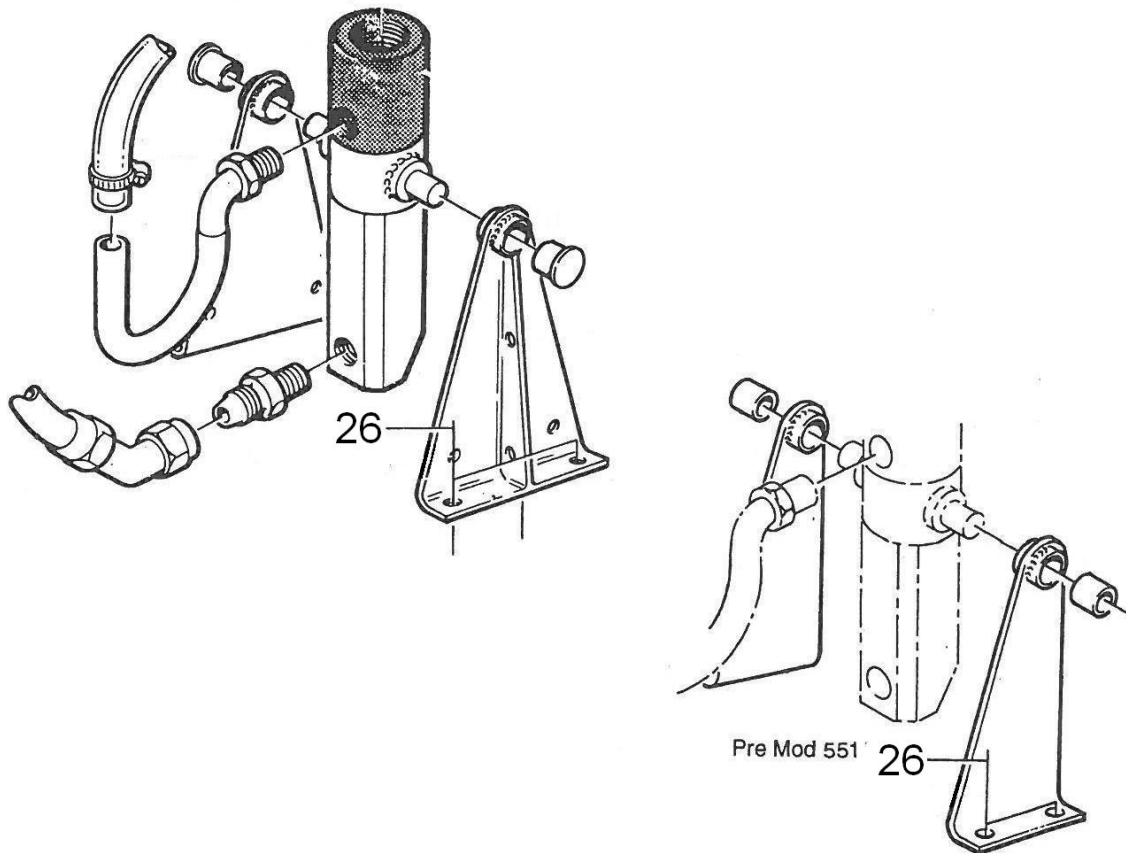


	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
7	126-21-015	Screw, sckt hd cap, shank 7mm	All M260	2	
11	126-21-051	Screw, sckt hd cap, full thread	All M260	3	
11A	126-21-210	Screw, sckt hd cap, shank 2mm. (Pedal 2 only). Head faces inboard.	All M260 Mod M671	1	
12	126-21-049	Screw, sckt hd cap, shank 7mm	All M260	4	
16	126-21-121	Screw, sckt hd cap, shank 1.75mm	All M260	8	
33	126-21-080	Screw, sckt hd cap, shank 7mm	All M260	4	

**Figure 14 - Rudder Pedals on T67M260
From IPC T67M260, Chapter 19, Figure 8**

EXPLODED VIEW OF RUDDER PEDALS, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2 ON EACH PEDAL. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

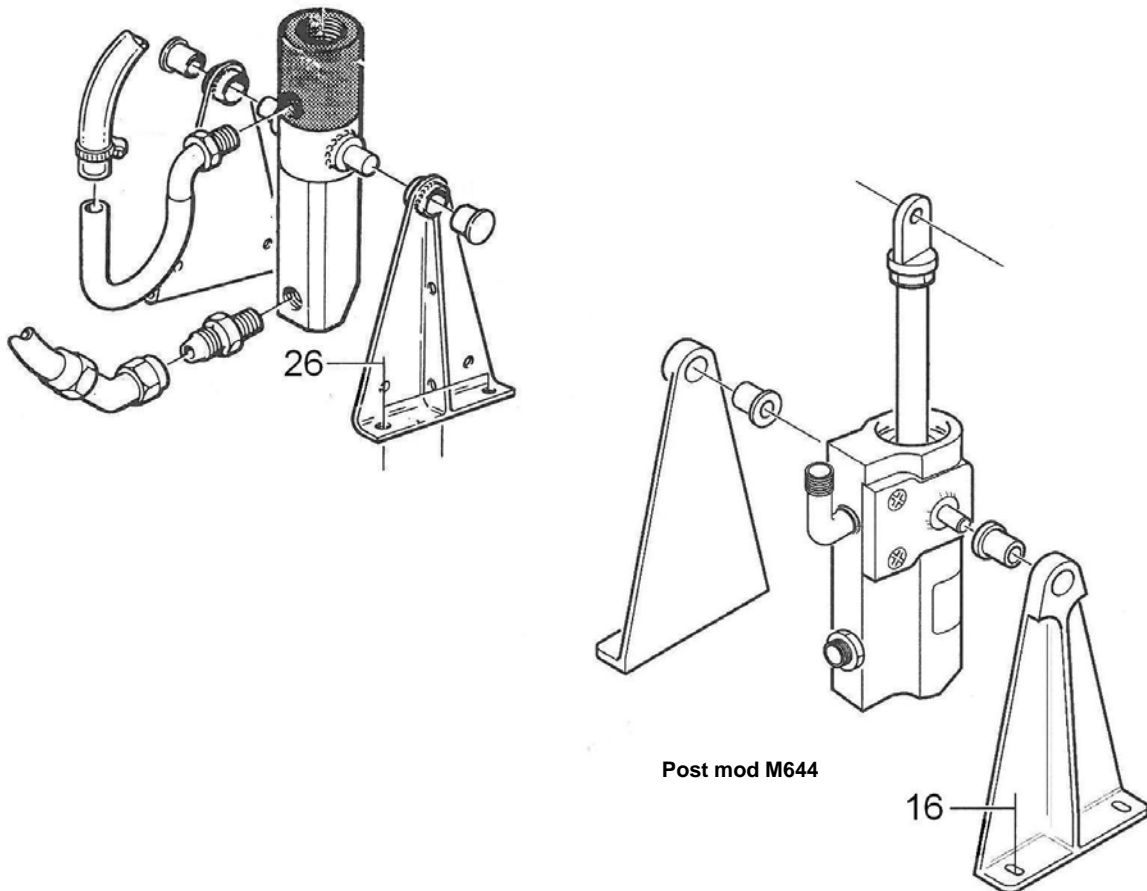


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
26	126-21-012	Screw, sckt hd cap, full thread	T67B, C, M, M- MkII, M200 Pre or post Mod M551	8	

**Figure 15 – Master Cylinder on T67
From IPC T67, Chapter 21, Figure 3**

EXPLODED VIEW OF MASTER CYLINDER, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2 ON EACH RESEVOIR. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

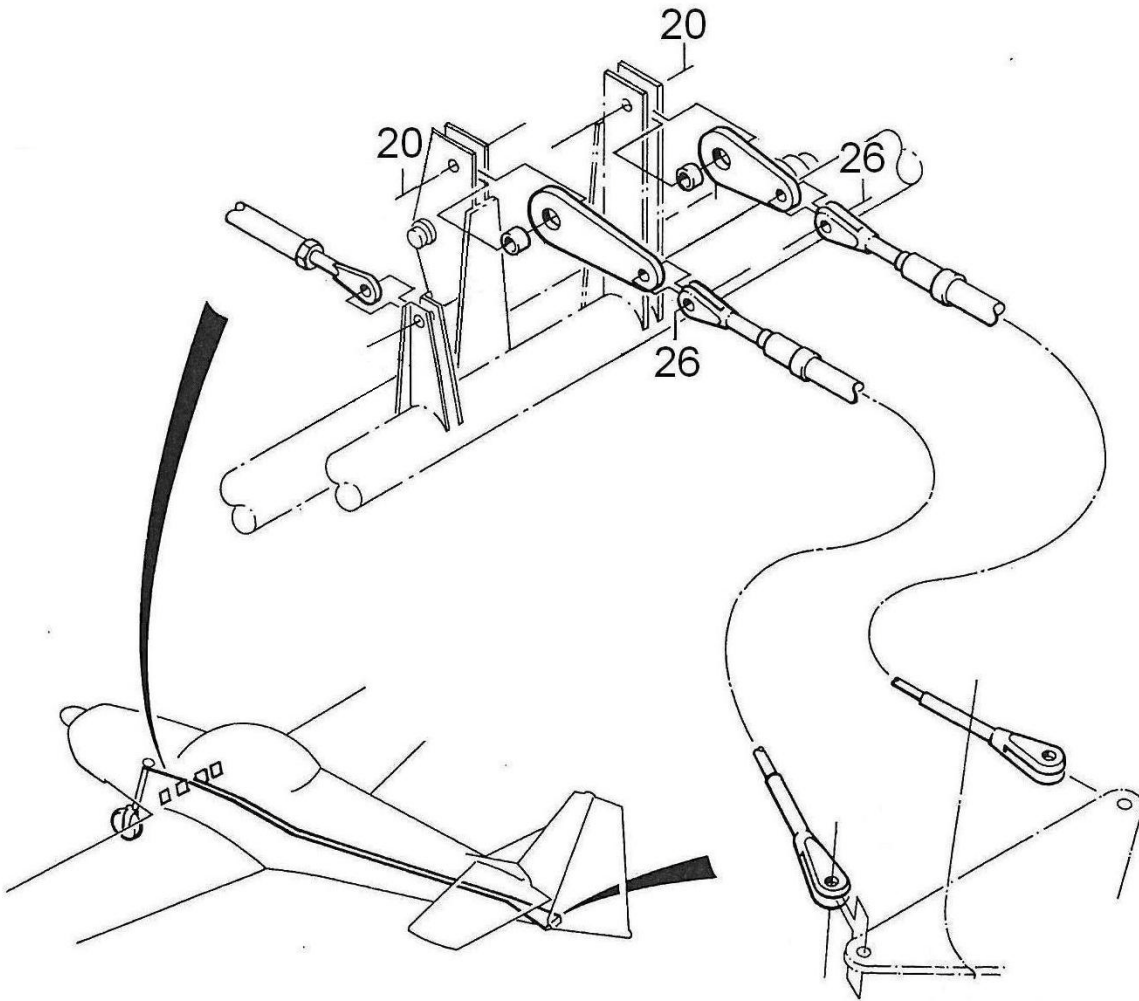


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
16	126-21-012	Screw, sckt hd cap, full thread	T67M260 Post Mod M644	8	
26	126-21-012	Screw, sckt hd cap, full thread	T67M260 Pre Mod M644	8	

**Figure 16 – Master Cylinder on T67M260
From IPC T67M260, Chapter 21, Figure 3 AND 3A**

EXPLODED VIEW OF MASTER CYLINDER, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2 ON EACH RESEVOIR. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

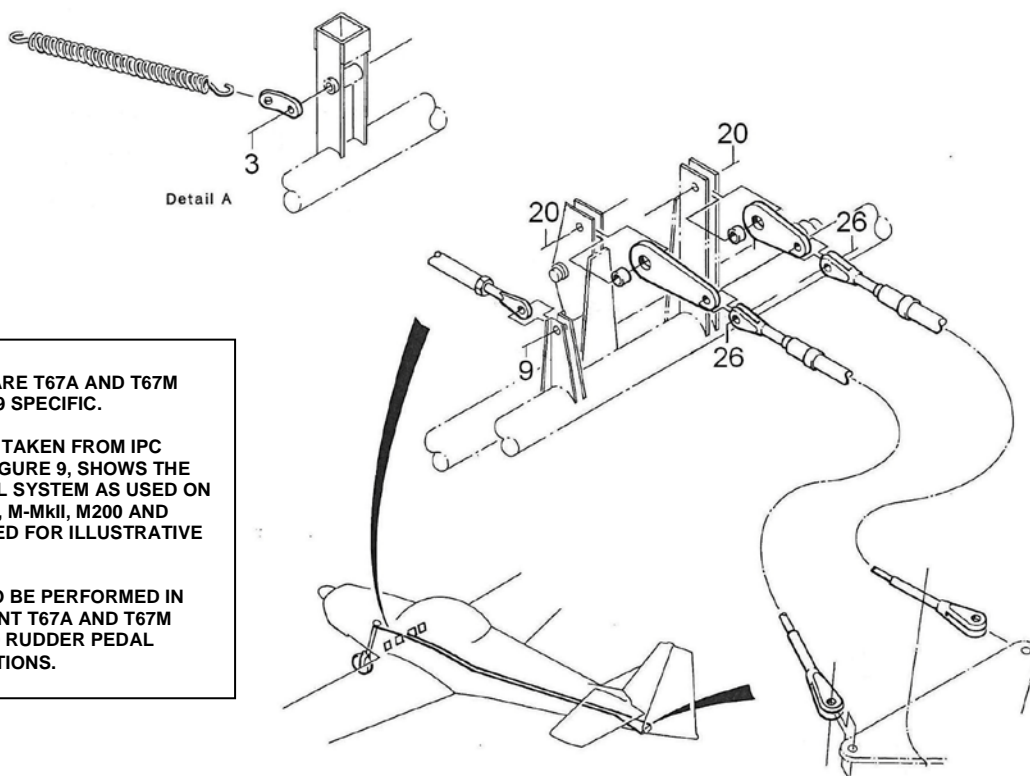


Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
20	126-21-080	Screw, sckt hd cap, shank 7mm	T67B, C, M, M-MkII, M200, M260	2	
26	126-214-049	Screw, sckt hd cap, shank 7mm.	T67B, C, M, M-MkII, M200 (Pre Mod M232)	2	

**Figure 17 - Rudder Cable Attachment on T67 & T67M260
From IPC T67 and T67M260, Chapter 19, Figure 9**

EXPLODED VIEW OF RUDDER PEDALS, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 23, PARAGRAPH D, PART A, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**



NOTE...
THESE ITEMS ARE T67A AND T67M WORKS N° 1999 SPECIFIC.

THE DIAGRAM, TAKEN FROM IPC CHAPTER 19 FIGURE 9, SHOWS THE RUDDER PEDAL SYSTEM AS USED ON THE T67B, C, M, M-MkII, M200 AND M260 - IT IS USED FOR ILLUSTRATIVE PURPOSES.

INSPECTION TO BE PERFORMED IN THE EQUIVALENT T67A AND T67M WORKS N°1999 RUDDER PEDAL SYSTEM LOCATIONS.

Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
3	126-21-018	Screw, sckt hd cap, shank 17mm	All T67A and T67M works n° 1999	2	
9	126-21-018	Screw, sckt hd cap, shank 17mm	All T67A and T67M works n° 1999	1	
20	126-21-015 and 126-21-105	Screw, sckt hd csk cap, shank 17mm.	All T67A and T67M works n° 1999	1 x 126-21-015 (port) 1 x 126-21-105 (stbd)	
26	126-21-018	Screw, sckt hd cap, shank 17mm.	All T67A and T67M works n° 1999	2	

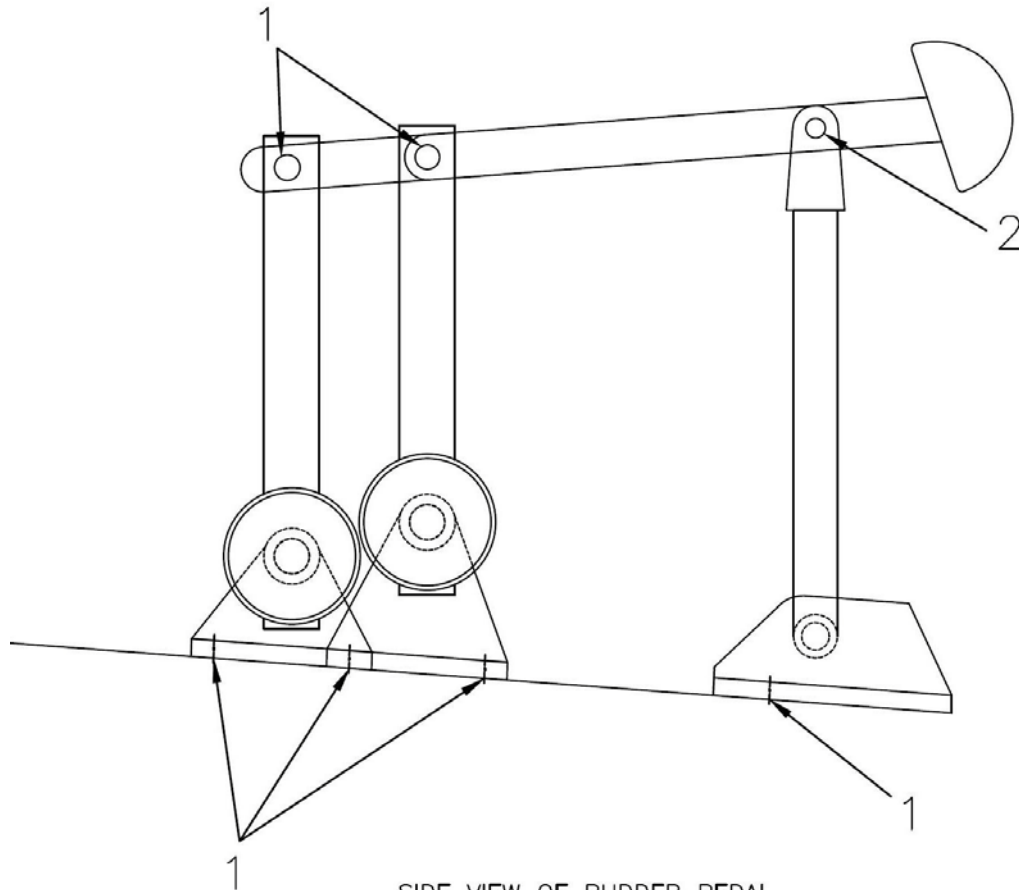
Figure 18 - Rudder Cable Attachment on T67A and T67M Works N° 1999

EXPLODED VIEW OF RUDDER PEDALS, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

**MARSHALL AEROSPACE
SERVICE BULLETIN**

ARROWED ITEMS TO BE INSPECTED

- 1 - 20 OFF 126-21-015
2 - 4 OFF 126-21-018



SIDE VIEW OF RUDDER PEDAL
- NOT ALL DETAILS SHOWN

SCALE : NTS

Item	Replacement Part Number	Description	Applicability	Units per a/c	Check ✓ or ✗
1	126-21-015	Screw, sckt hd cap, shank 7mm	All T67A and T67M works n° 1999	20	
2	126-21-018	Screw, sckt hd cap, shank 17mm	All T67A and T67M works n° 1999	4	

Figure 19 - Rudder Pedals on T67A's and T67M Works N° 1999

SIDE VIEW OF RUDDER PEDALS, INDICATING BOLTS WHICH REQUIRE INSPECTION AS PER SECTION 3, PARAGRAPH D, PART A, STEP 2 ON EACH PEDAL. IF BOLT UNDERCUT IS IDENTIFIED, REPLACE WITH STANDARD BOLT AS INDICATED IN ABOVE TABLE.

