

Projekt-Planung

1. Phase England
 - a. Geografische Lage
 - b. Topografische Lage
 - c. Materielle Lage
 - d. Rechtliche Lage
 - e. Finanzelle Lage
 - f. Transporttechnische Lage
2. Phase Transport
 - a. Transportmittel
 - b. Zugang/Zufahrt
 - c. Transport von über nach
 - d. Zoll
 - e. Sperren
3. Phase Österreich
 - a. Ankunftsort
 - b. Topografische Lage
 - c. Rechtliche Lage
 - d. Finanzelle Lage
 - e. Zutrittsberechtigung
 - f. Restaurierung
 - g. Ausstellung

Inspection of Westland WS-55 Whirlwind	2017
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at the International Helicopter Museum

address: Locking Moor Road, Weston-super-Mare BS24 8PP, United Kingdom

duty-chef:

date:

type. Westland WS-55 Whirlwind

series: HAS 7

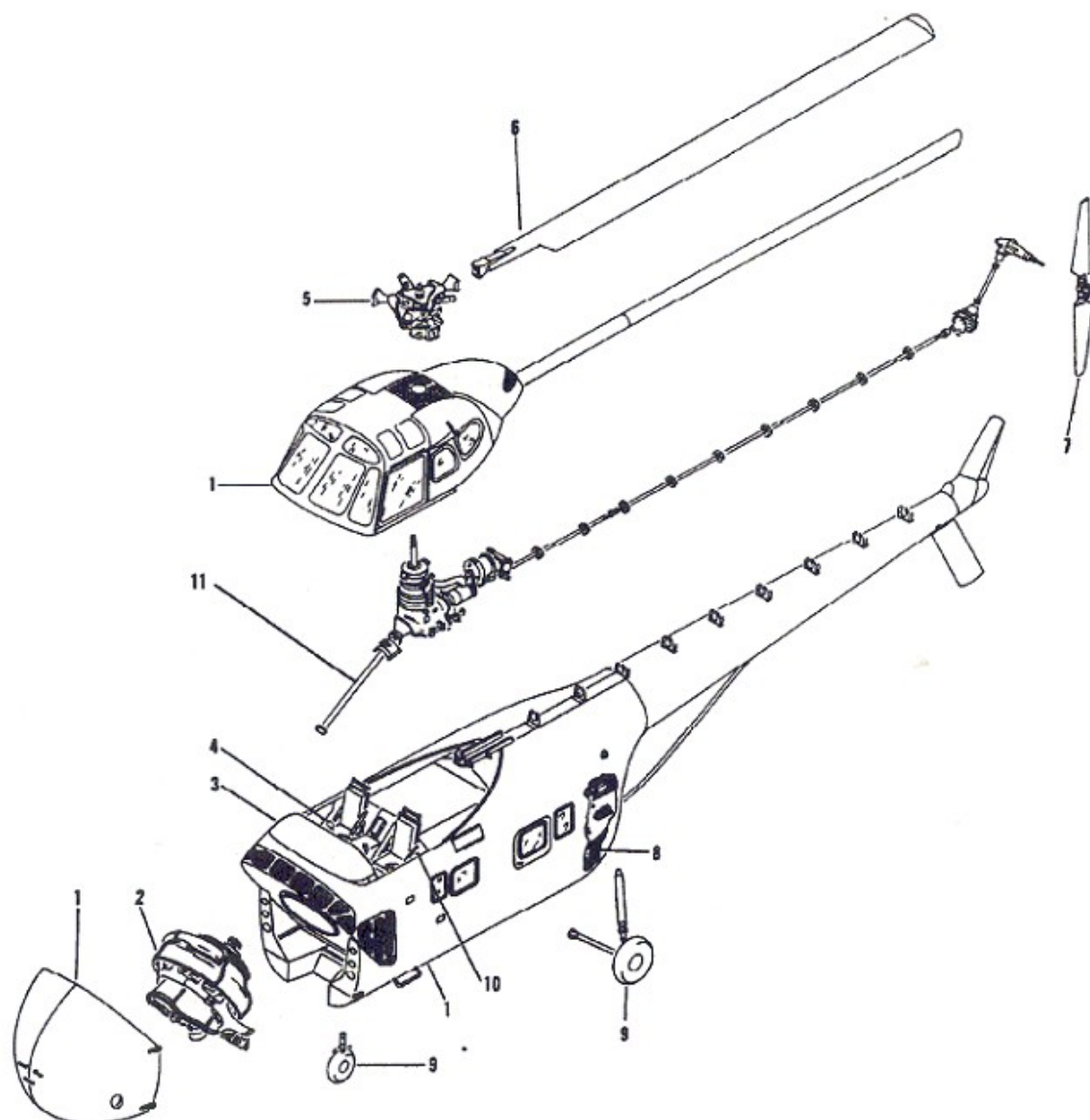
Serial-Nr: XG596

Remarks:

Inspection Personnel:

- Roland KOBENZ, capt. Mag.(FH) Ing.

Additional notes:



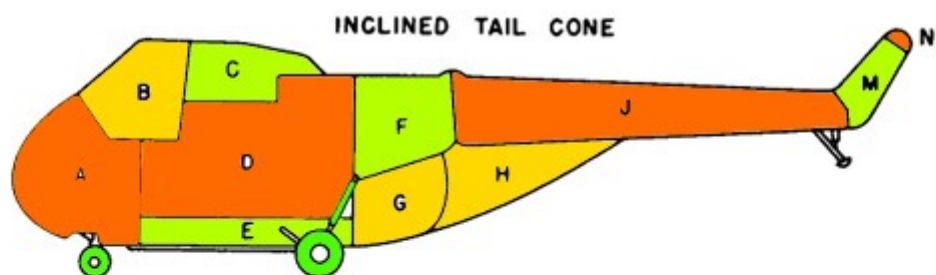
INDEX NO.	DESCRIPTION	FIGURE NO.	INDEX NO.	DESCRIPTION	FIGURE NO.
1	Fuselage	12	7	Tail Rotor Blade and Hub	10
2	Power Plant	38	8	Electrical	118 & 119
3	Instrument	106	9	Landing Gear	23
4	Flight Controls	85	10	Furnishing	109
5	Main Rotor	2	11	Transmission	62 & 63
6	Main Blade	9			

Completion of Index:

1: complete j/n	2: complete j/n	3: complete j/n	4: complete j/n
5: complete j/n	6: complete j/n	7: complete j/n	8: complete j/n
9: complete j/n	10: complete j/n	11: complete j/n	-

Notes:

Condition - Fuselage:



LEGEND	
CABIN SECTION	TAIL CONE SECTION
A ENGINE COMPARTMENT	H FIN
B COCKPIT	J TAIL CONE
C TRANSMISSION COMPARTMENT	K TAIL CONE HOUSING
D CABIN	L AFT END FAIRING
E FUEL TANK COMPARTMENT	M PYLON
F BAGGAGE COMPARTMENT	N CAP
G ELECTRICAL AND RADIO COMPARTMENT	

General condition:	LH –side	RH –side	Remarks
Section A	_____	_____	
Section B	_____	_____	
Section C	_____	_____	
Section D	_____	_____	
Section E	_____	_____	
Section F	_____	_____	
Section G	_____	_____	
Section H	_____	_____	
Section J	_____	_____	
Section K	_____	_____	
Section L	_____	_____	
Section M	_____	_____	
Section N	_____	_____	

Additional notes:

Condition - Fuselage:

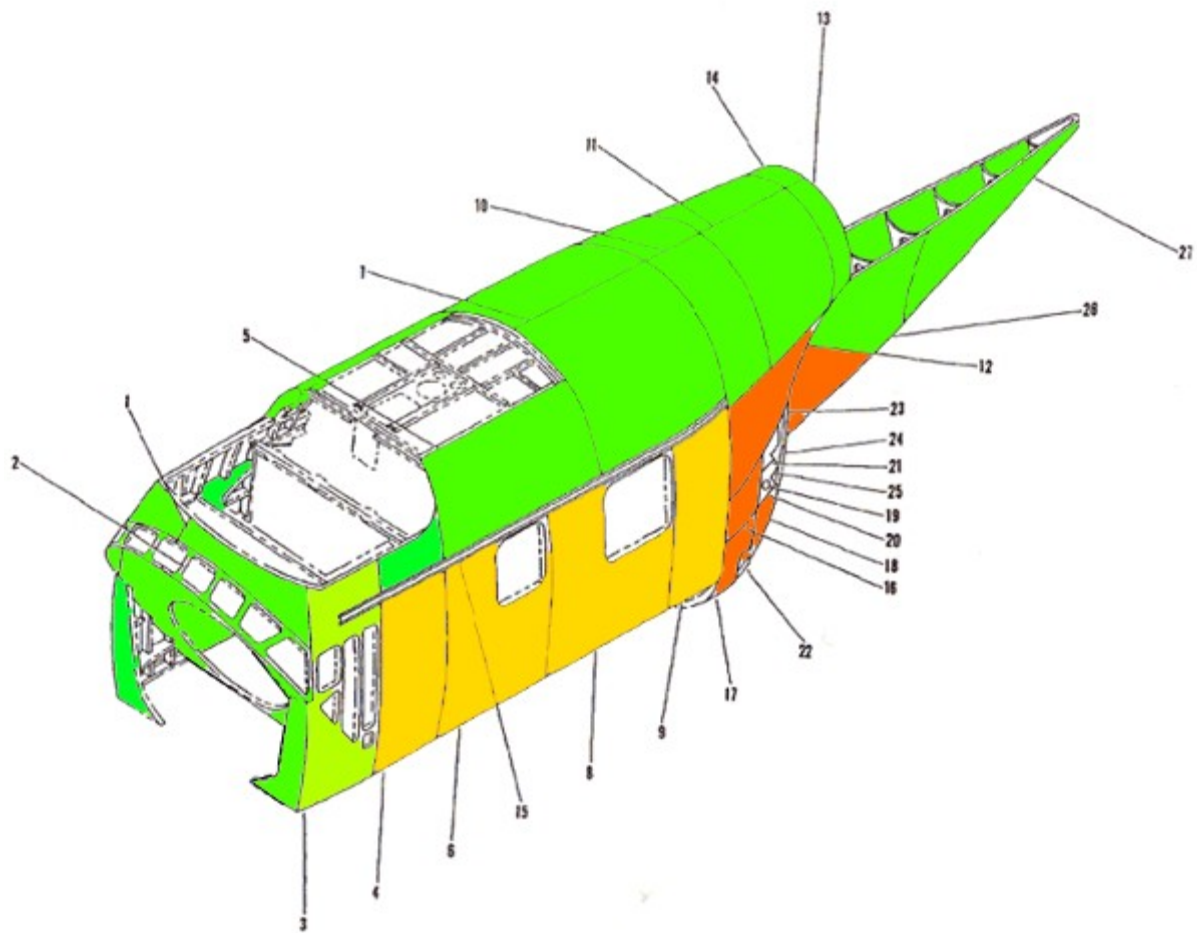


Figure 116. Fuselage and Fin Skin Installation

Additional Information:



Plate is needed for Series 2. Helicopter!

? a 2nd Helicopter?

Notes:

Condition - Fuselage:

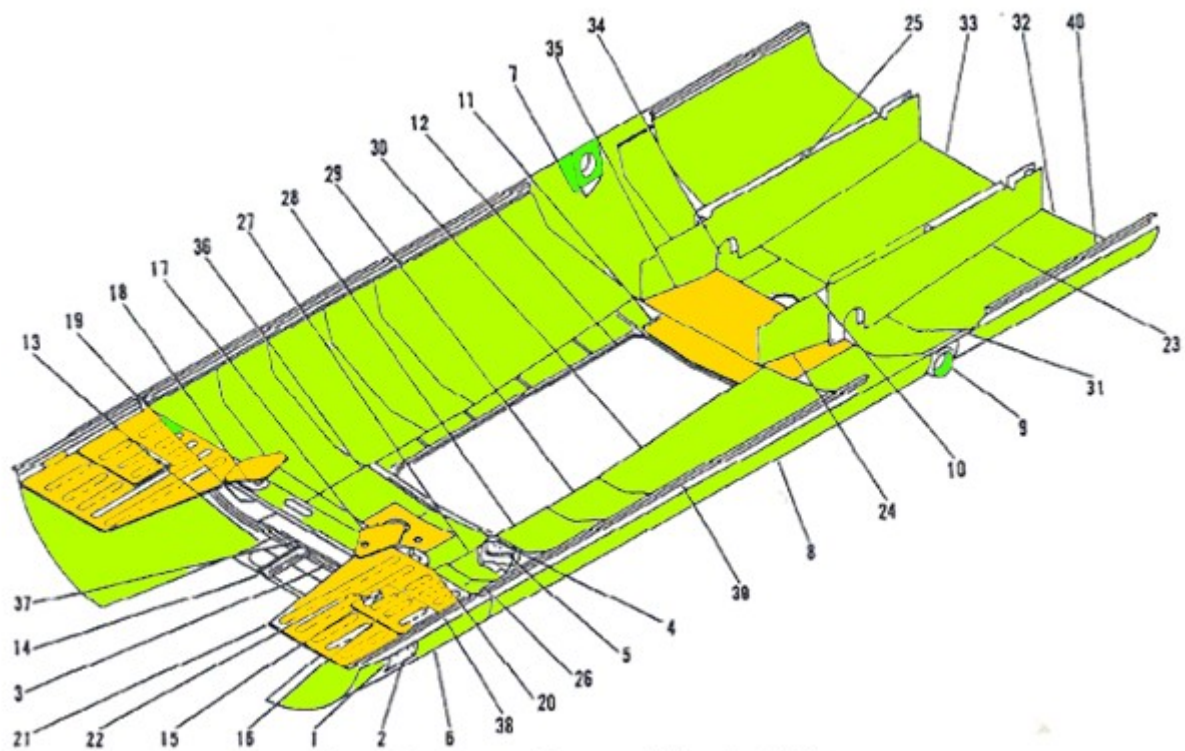


Figure 11D. Bottom Structure Plating Installation

Additional Information:

Check the panels and structure from the bottom - outside.



Condition - Fuselage:

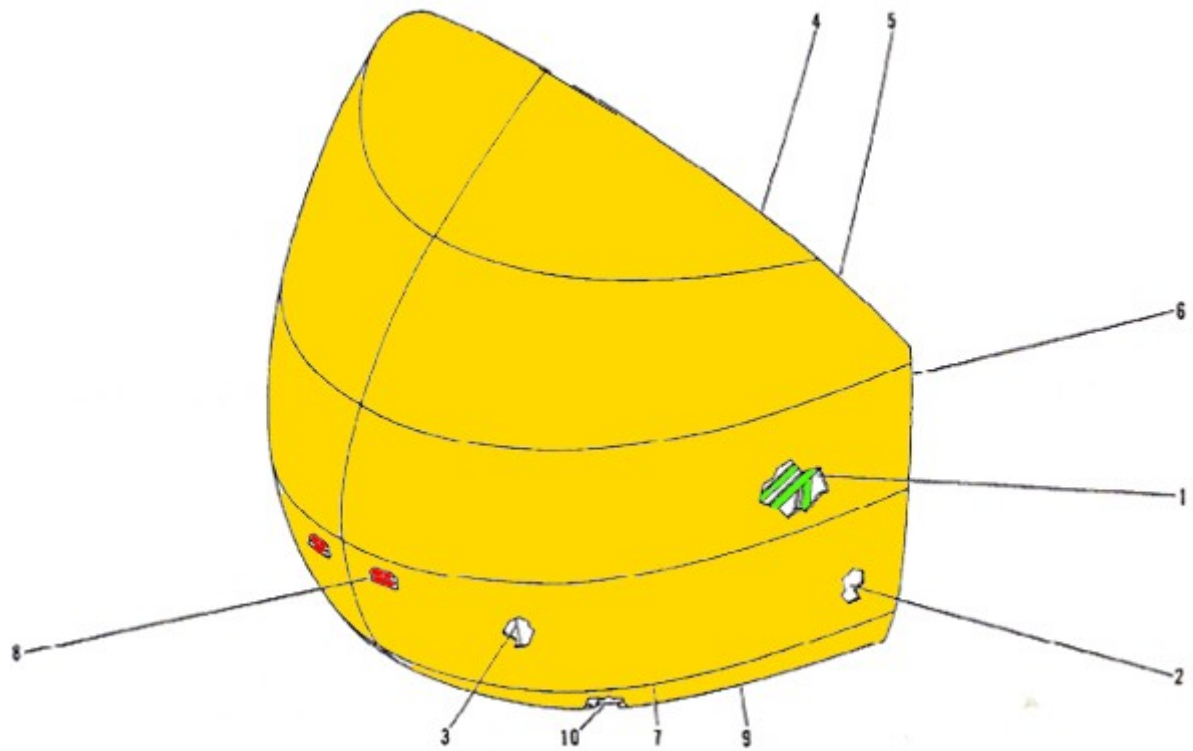


Figure 11F. Nose Door Skin Installation

Additional information:



check front bulb, in the bottom end of the nose door skin

Condition - Fuselage:

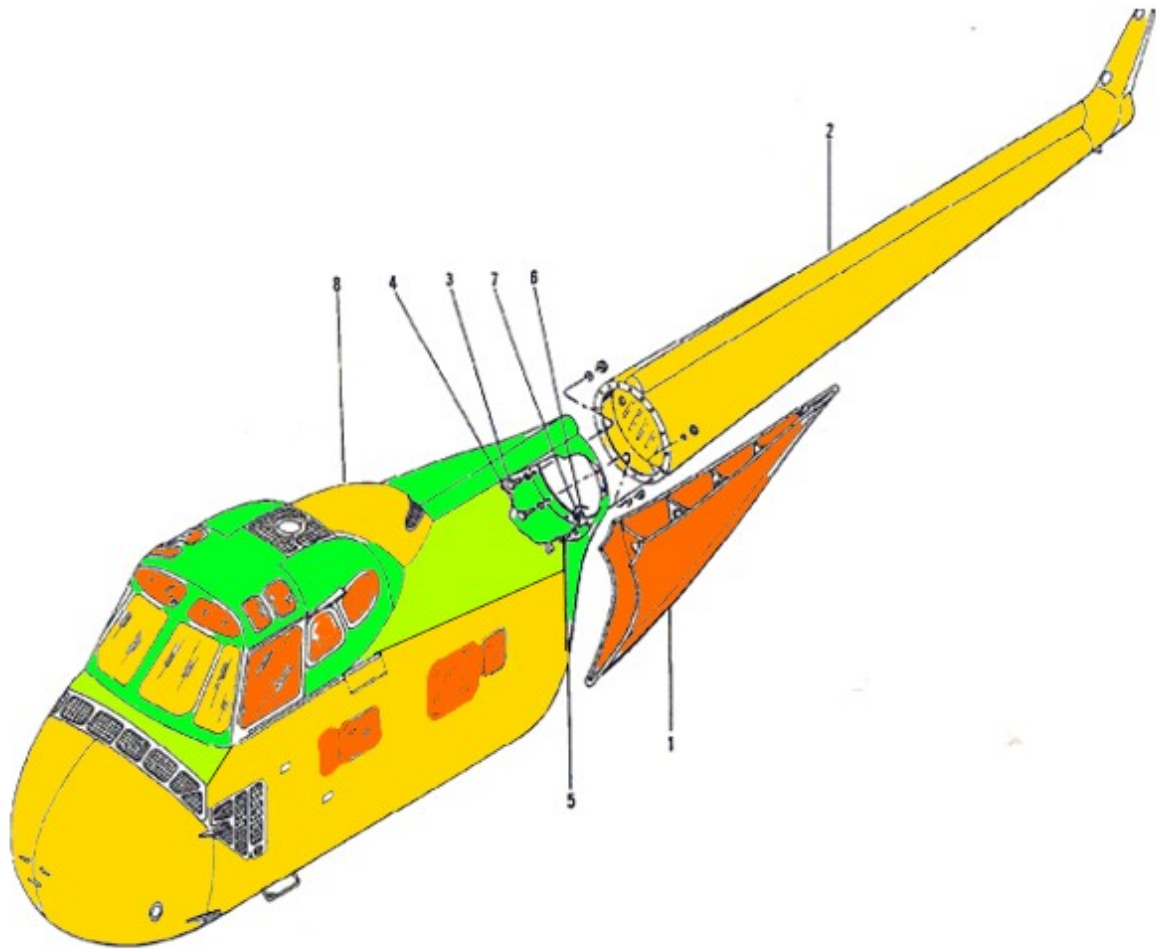


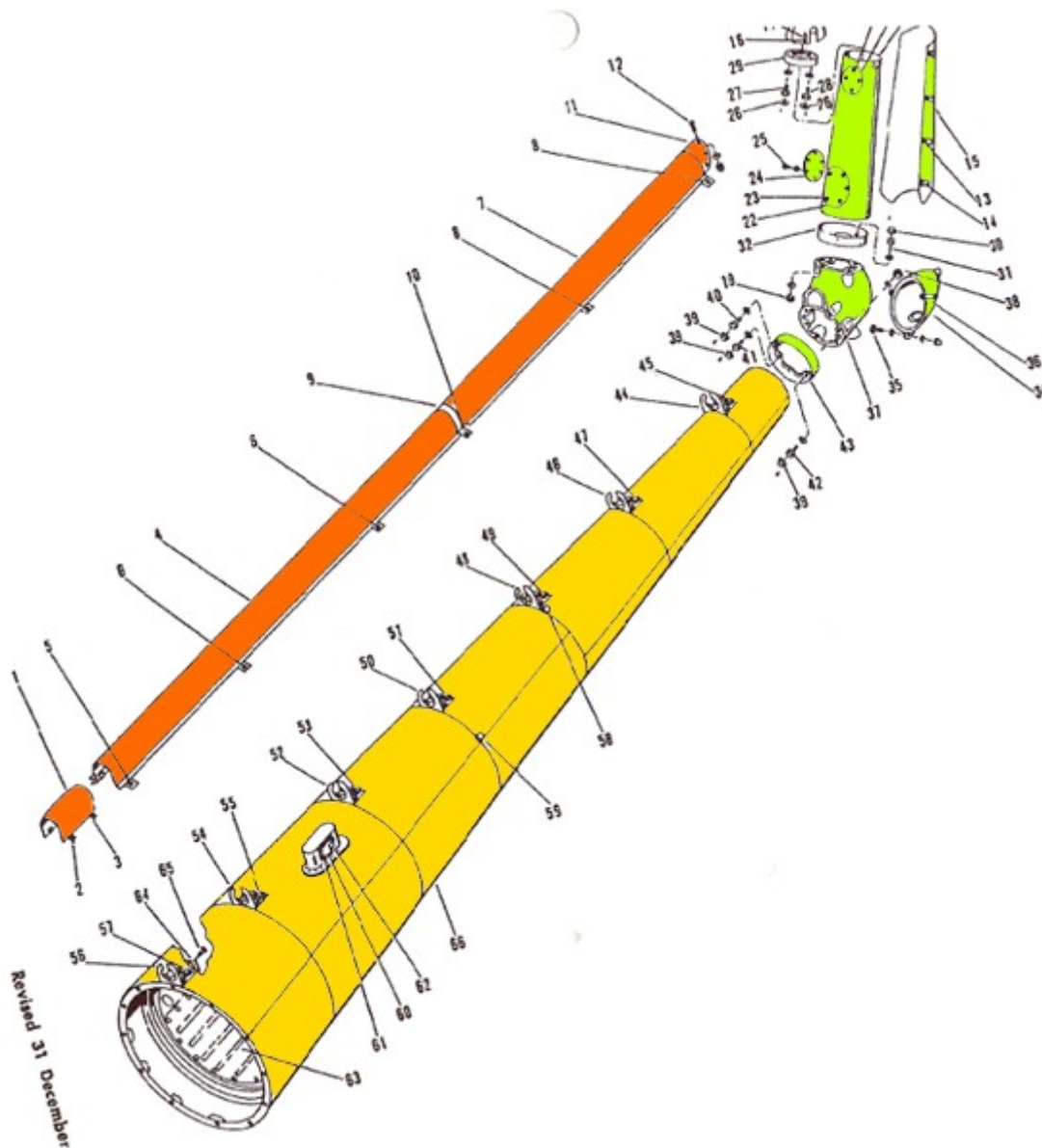
Figure 12. General Fuselage Assembly

Additional Information:

Check if the correct bottom fuselage and correct fin is installed



Condition - Fuselage:



Additional information:

- Check Tail Cone Section
 - Tail Rotor
 - Pylon
 - Fairing

Condition - Fuselage:

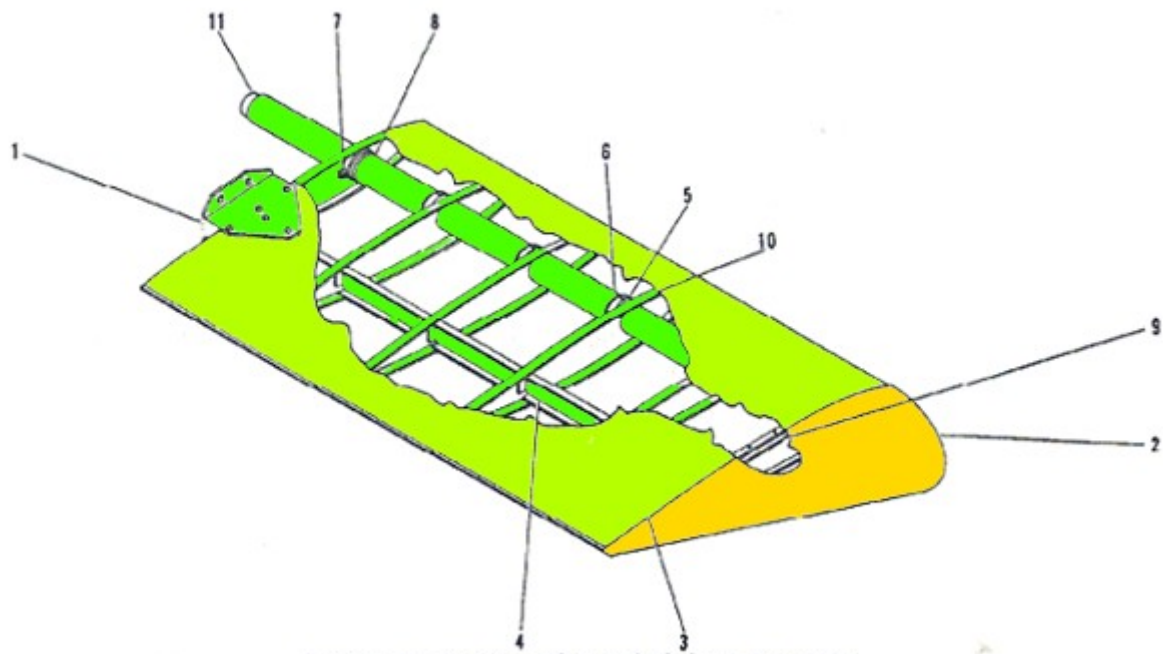


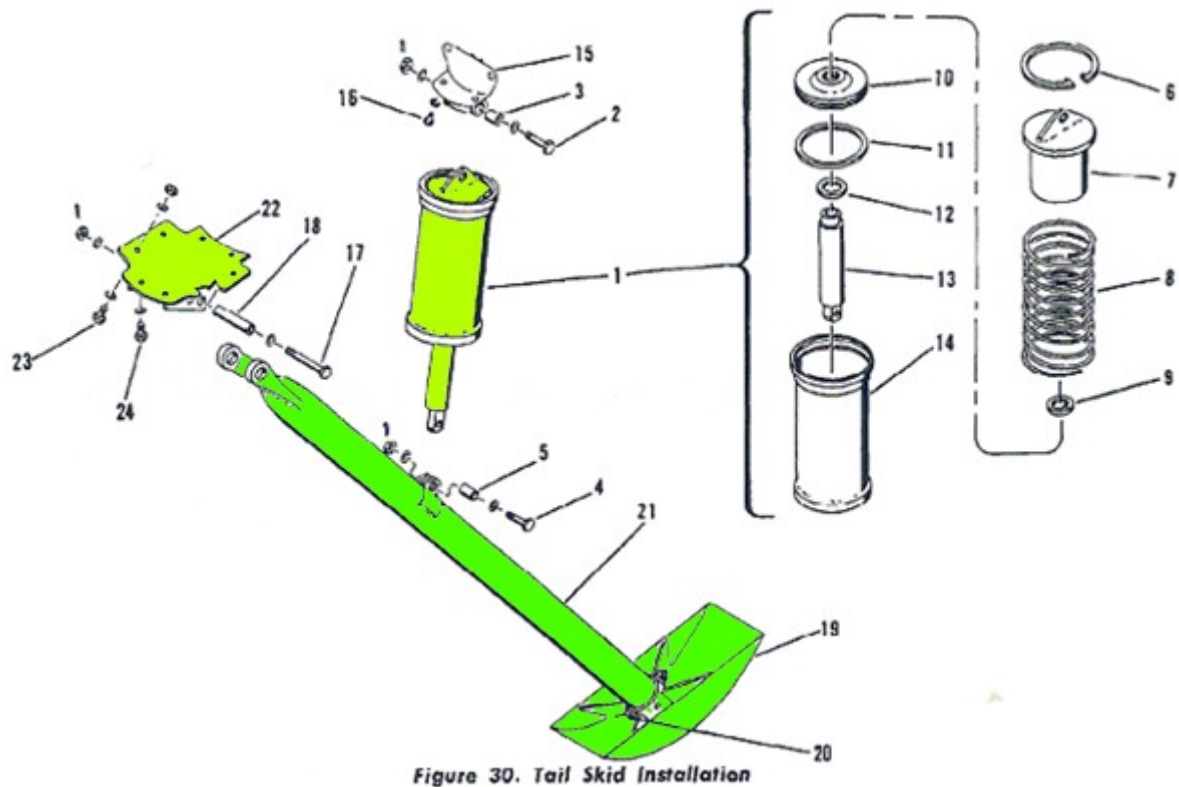
Figure 11J. Stabilizer Skin and Skeleton Assembly

Additional information:

Check:

- Stabilizer: movement and angle

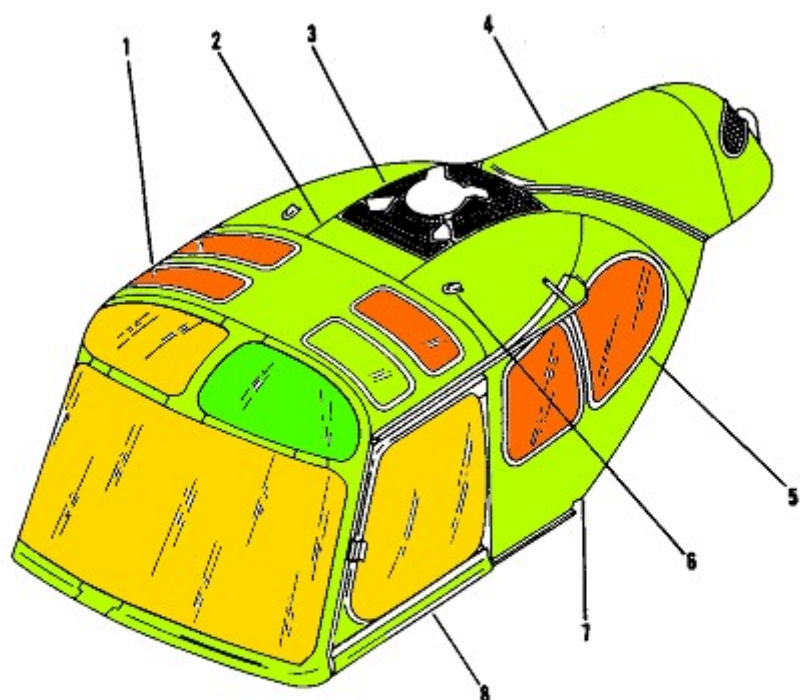
Condition -Fuselage:



Additional notes:

Check completion

Condition - Fuselage:



- 1. Windshield Section
- 2. Plate
- 3. Screened Panels
- 4. Rear Panel Section

- 5. Fixed Window
- 6. Cockpit Ventilator
- 7. Insulated Side Panel
- 8. Sliding Window

Completion of Index:

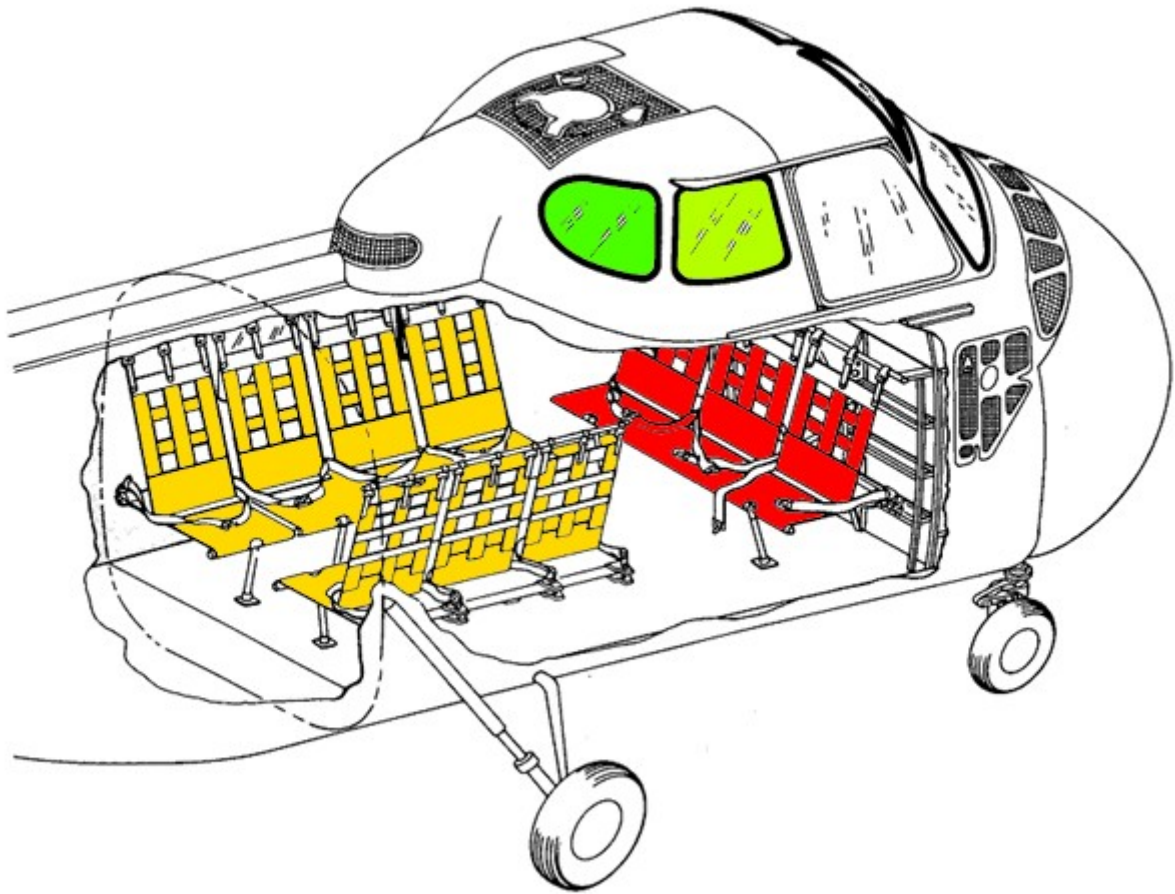
1: complete j/n	2: complete j/n	3: complete j/n	4: complete j/n
5: complete j/n	6: complete j/n	7: complete j/n	8: complete j/n

Outside check:

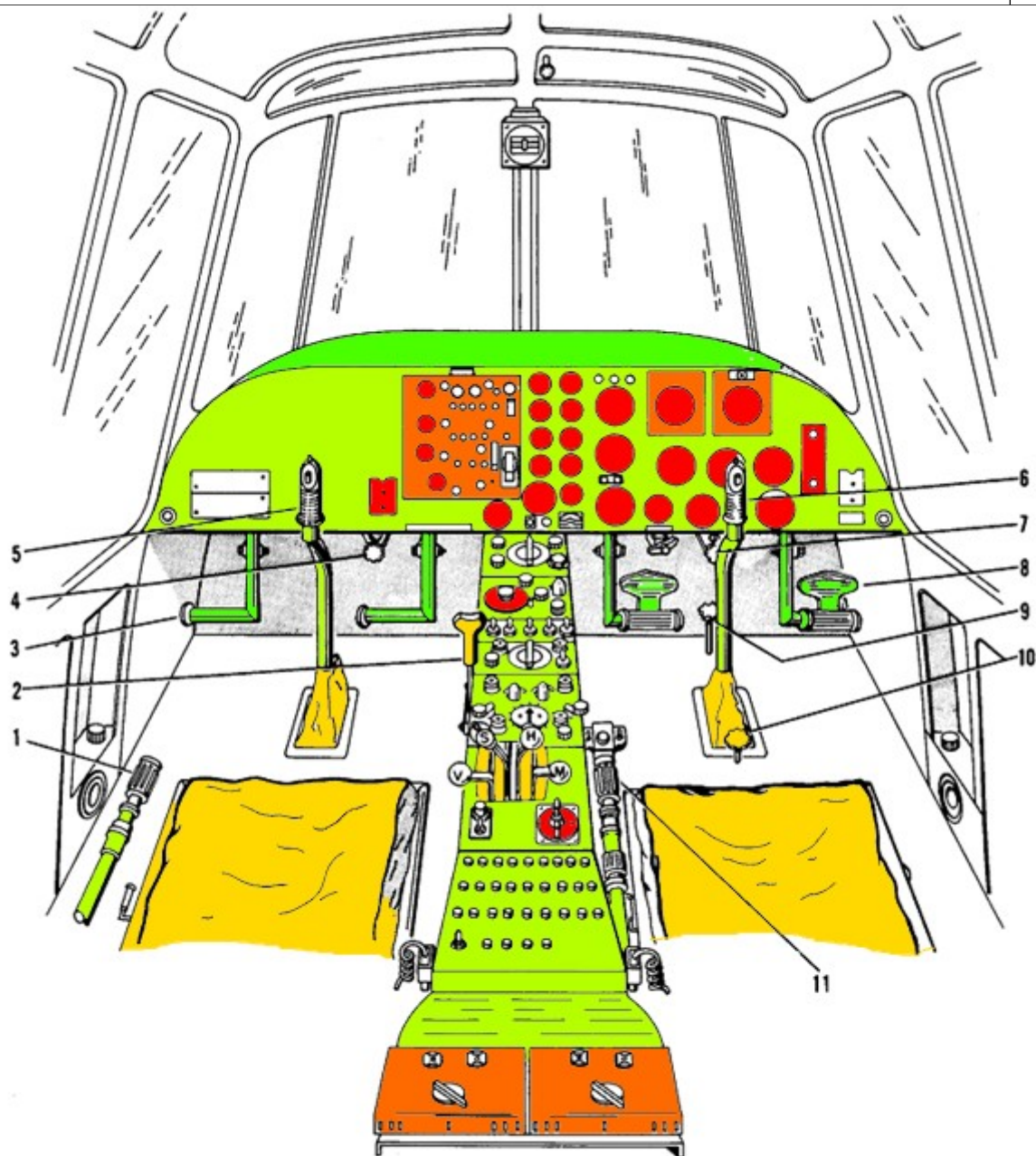
- Cockpit Windows
 - Release handles
 - Wipers
- Cockpit Gear Box Panels
 - 4 off (2 inner and 2 outer)

Inside check:

- Cockpit Seats
 - Safety Seat belts
 - Cushions
 - Shoulder harnesses



- Cabin
 - Cargo Door
 - Safety Straps
 - Cabin Windows
 - Cabin Emergency Hatches
 - Cabin Bottom Fairing
 - Cabin Flooring
 - Troop Seats



1. Observer's Main Pitch Control
2. Main Rotor Brake
3. Observer's Tail Rotor Control Pedals
4. Pedal Adjustment Knob
5. Observer's Directional Control Stick
6. Pilot's Directional Control Stick
7. Pedal Adjustment Knob

8. Pilot's Tail Rotor Control Pedals
9. Directional Control Stick Friction Adjustment Knob (Fore-and-Aft)
10. Directional Control Stick Friction Adjustment Knob (Lateral)
11. Pilot's Main Pitch Control

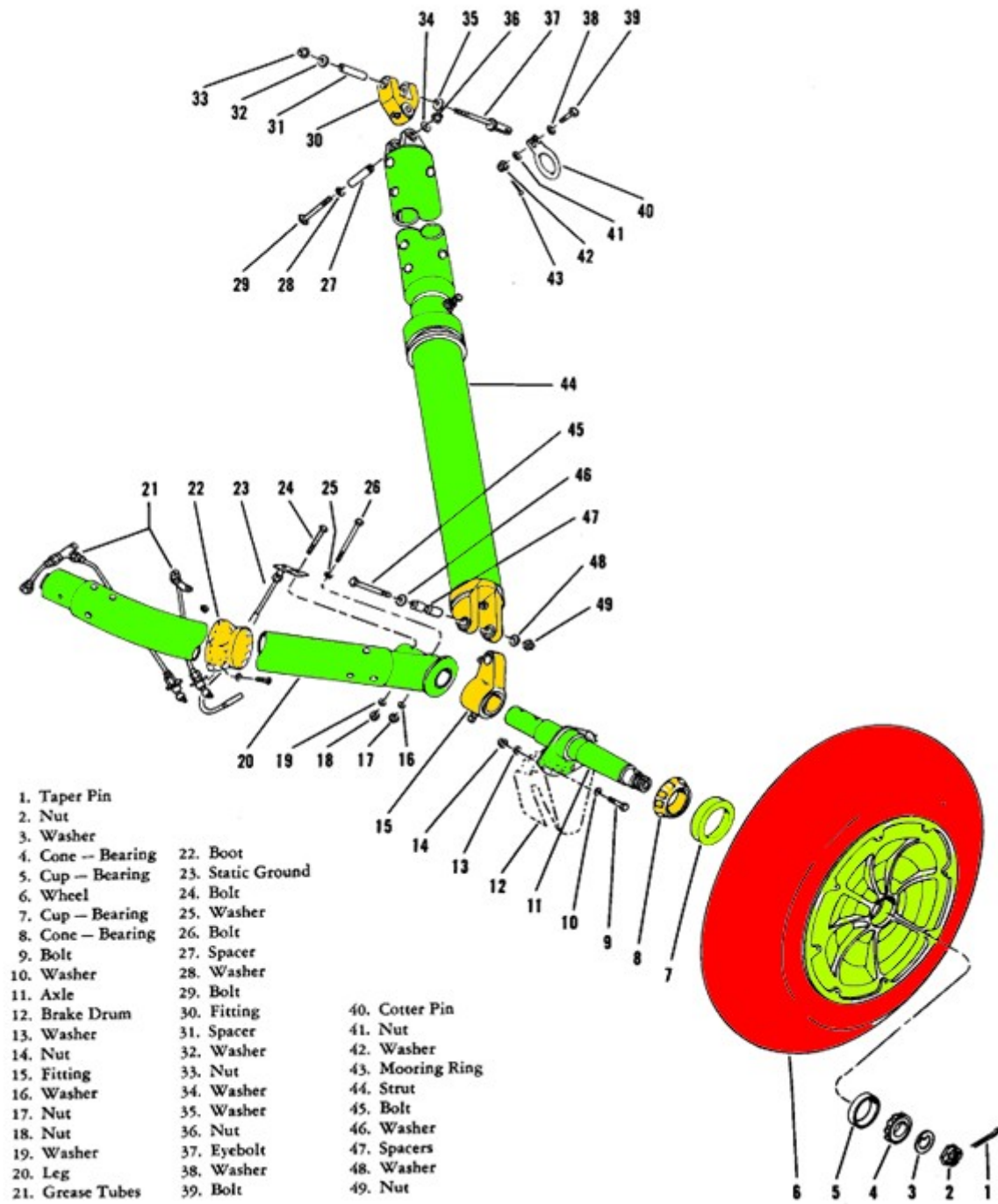


Figure 2-29. Main Landing Gear

Verwendbar auf HS:

- XG596
- S-881
- Lagerteile

Condition - Engine:

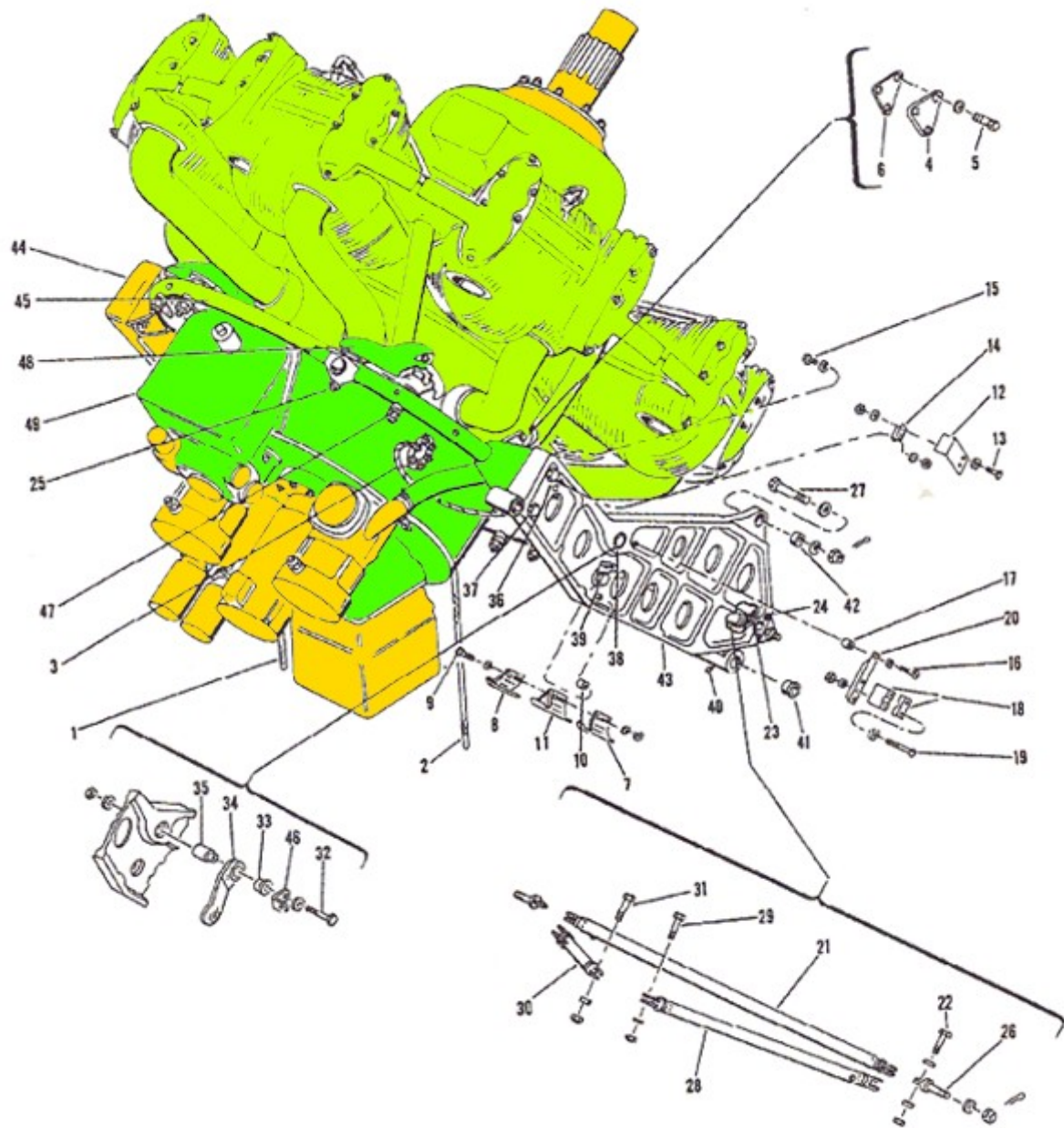


Figure 40. Engine Unit Installation

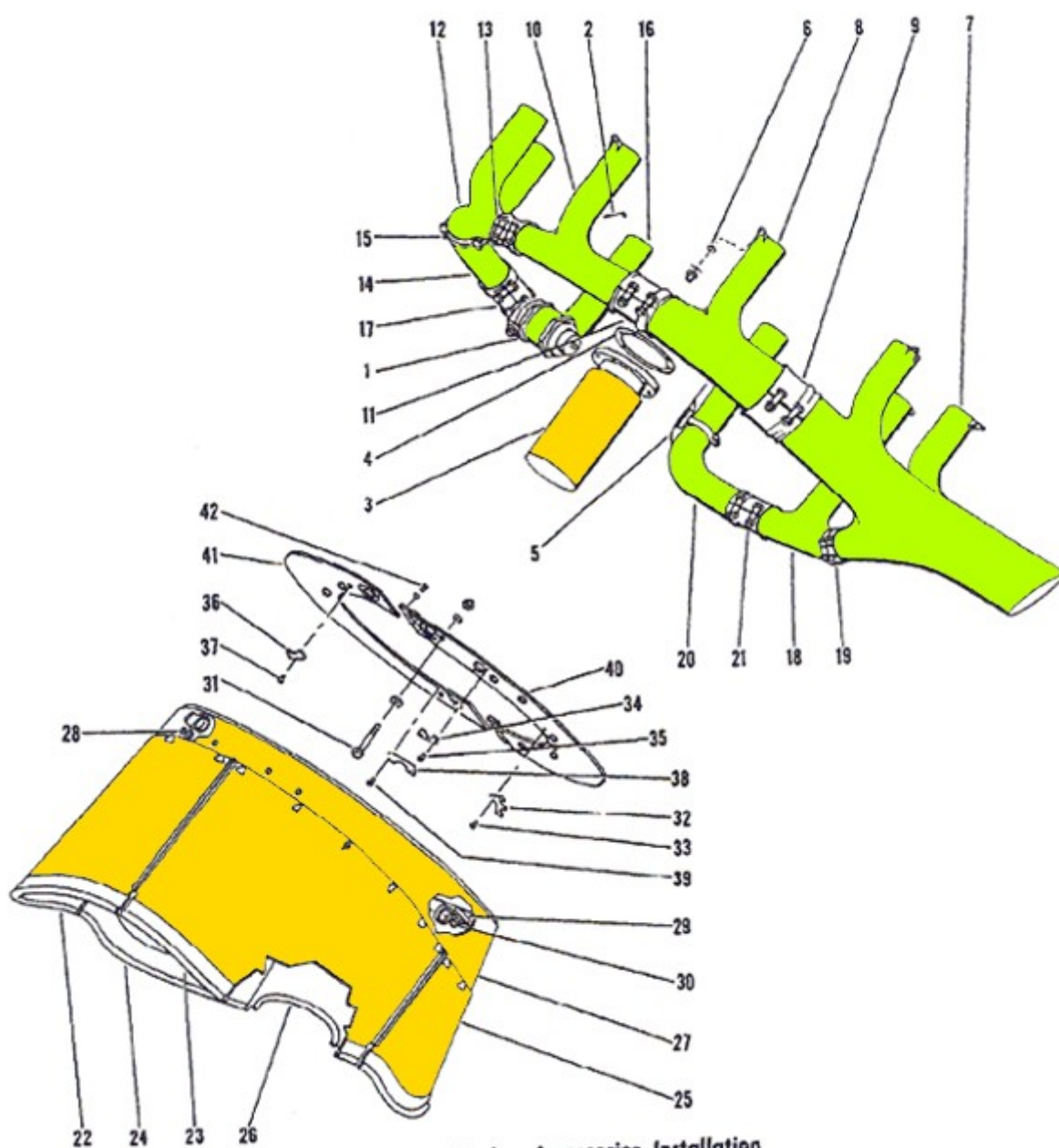
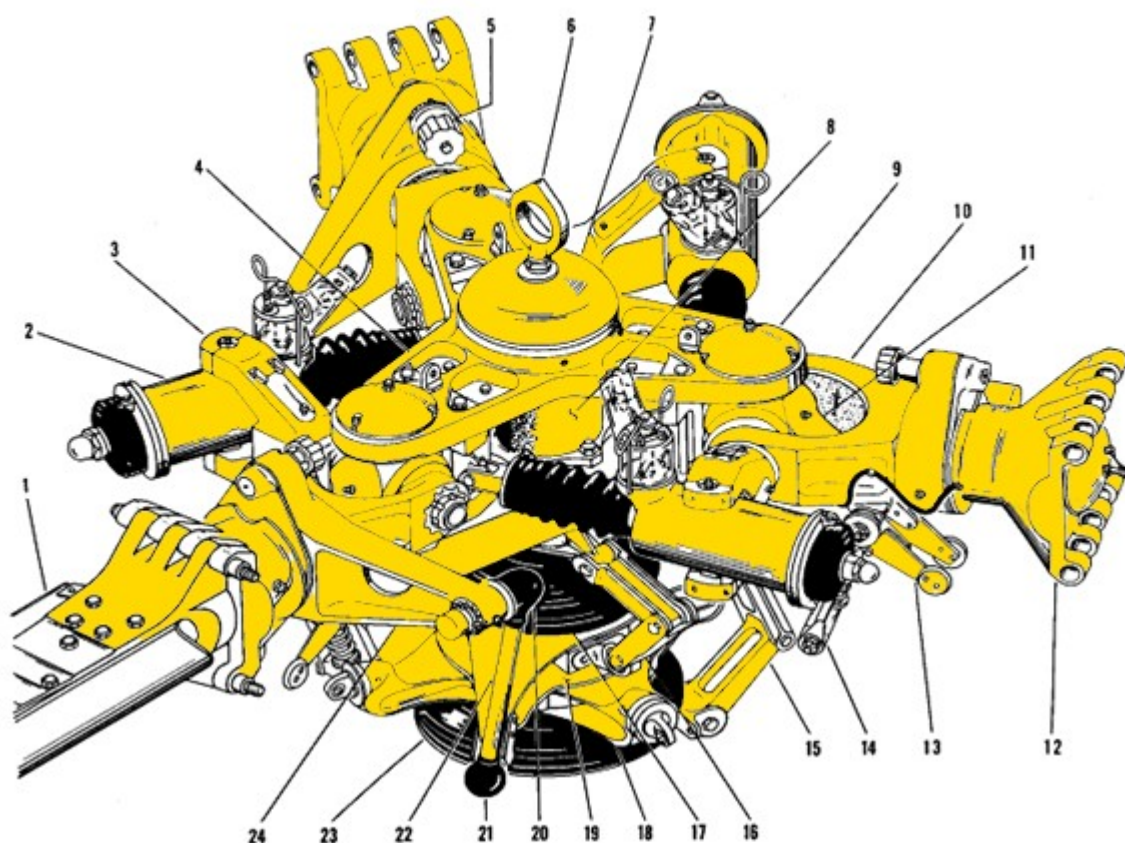
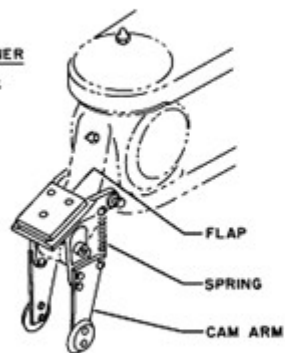


Figure 41. Engine Accessories Installation

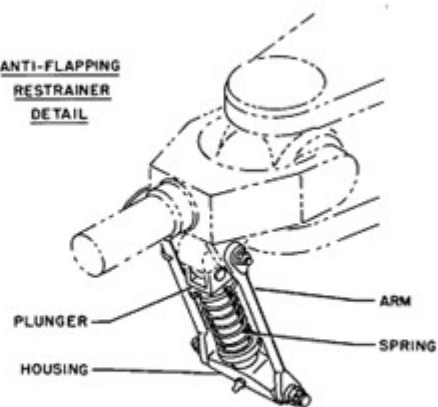
- Engine Access Doors
- Handles
- Hinges



**DROOP
RESTRAINER
DETAIL**



**ANTI-FLAPPING
RESTRAINER
DETAIL**



- | | | | | |
|---------------------|--------------------|-------------------------------|-----------------------|-------------------|
| 1. Main Rotor Blade | 6. Hoisting Eye | 11. Vertical Hinge Assemblies | 16. Rotating Scissors | 21. Boot |
| 2. Damper | 7. Cover | 12. Sleeve | 17. Boot | 22. Rod |
| 3. Damper Arm | 8. Hub | 13. Droop Restrainer | 18. Stationary Star | 23. Boot |
| 4. Hoisting Lug | 9. Upper Plate | 14. Anti-Flapping Restrainer | 19. Rotating Star | 24. Horn Assembly |
| 5. Lock | 10. Sleeve-Spindle | 15. Stationary Scissors | 20. Boot | |

Figure 3-4. Main Rotor Assembly

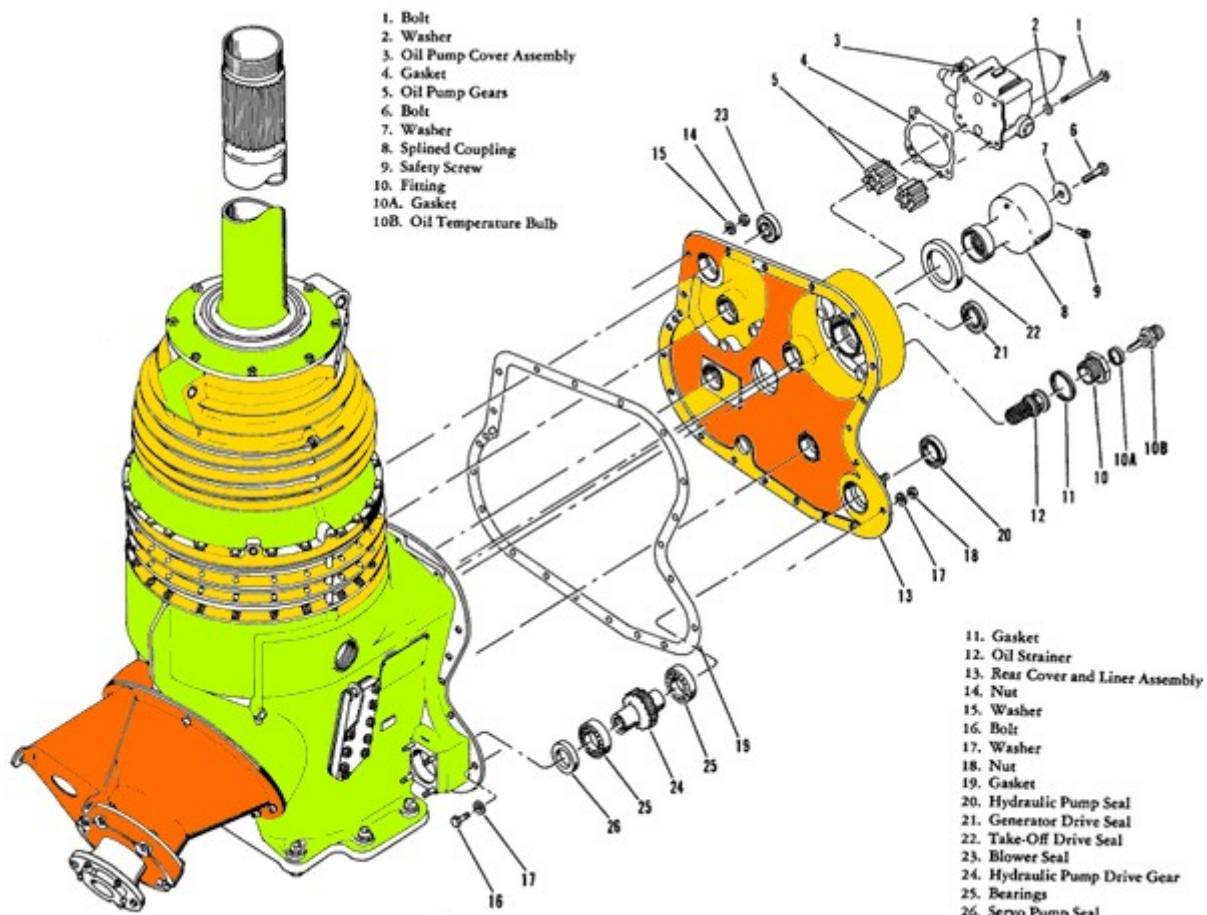


Figure 5-65. Rear Cover Disassembly

Condition – Rotor blades:	
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MAIN ROTOR

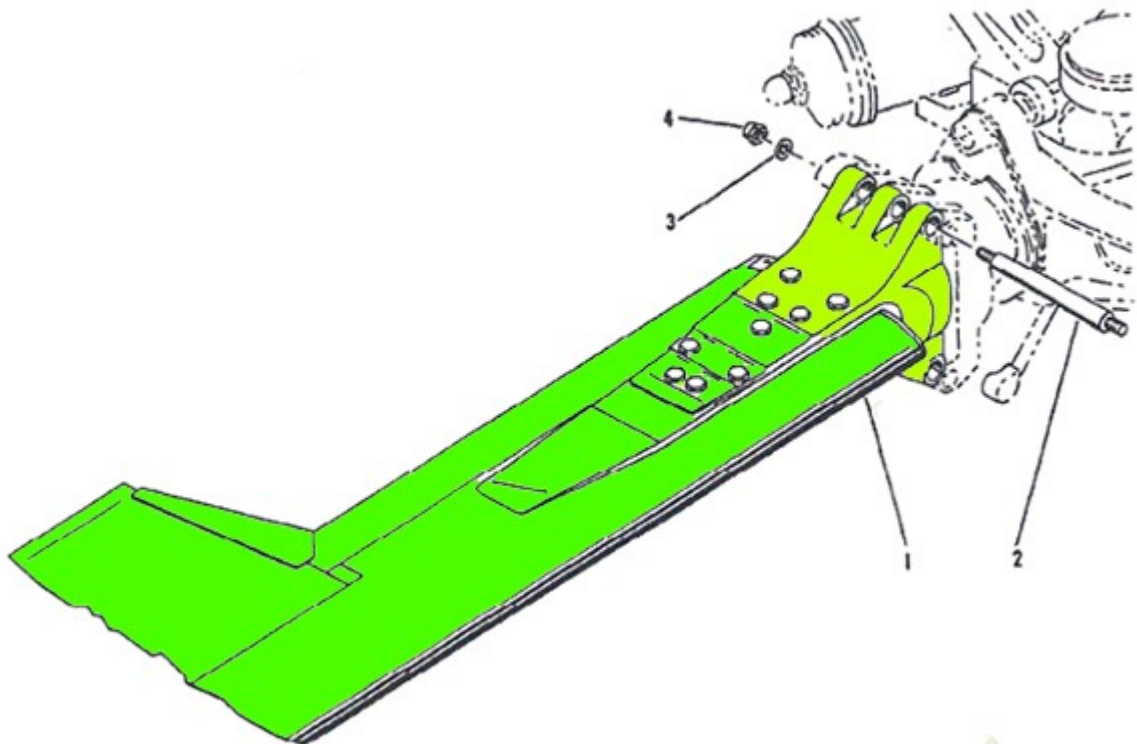


Figure 9. Main Rotor Blade Assembly



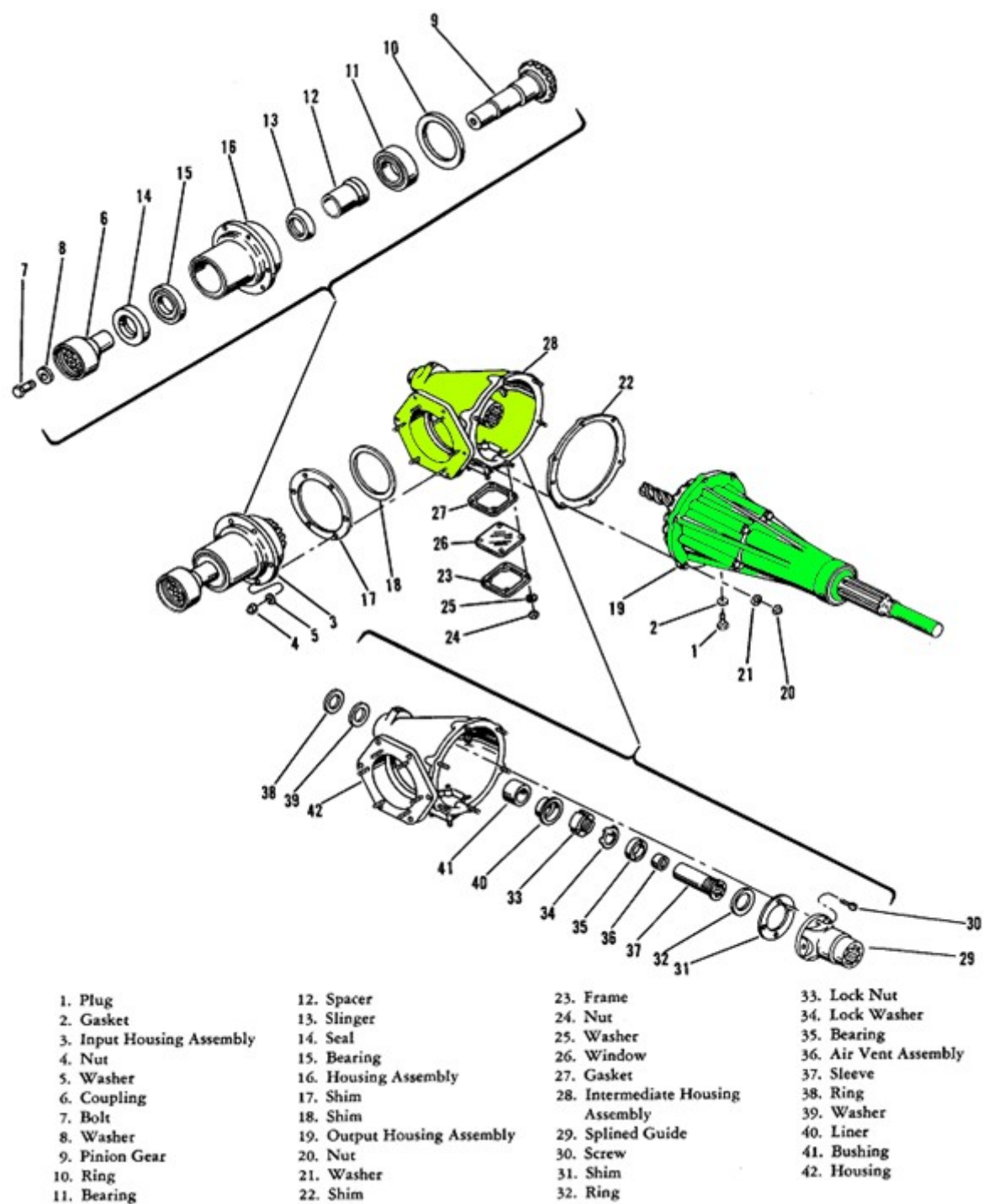


Figure 9-104. Tail Rotor Gear Box — Exploded View

Condition – Hoist:

- Hoist (Winch)

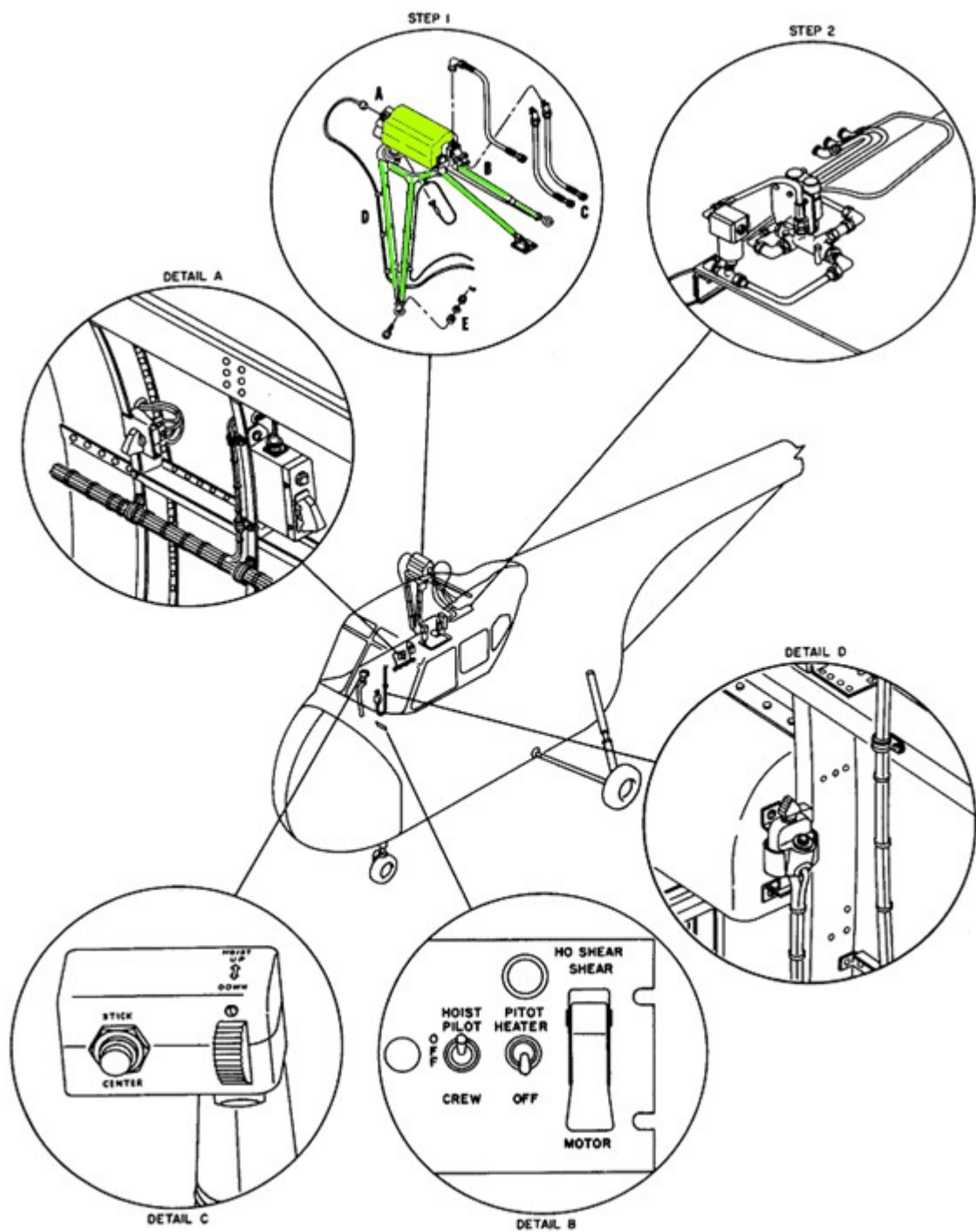


Figure 4-7B. Hoist System (600-Pound Hoist)

Condition – optical requirements and decals:	
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- Additional

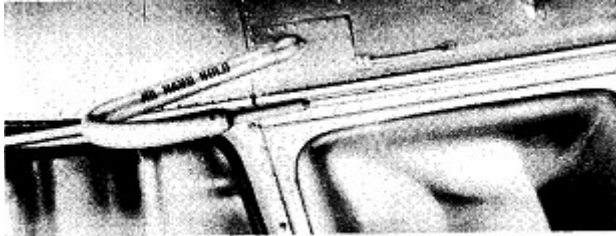


Figure 6-5. Pitot Tube Installed

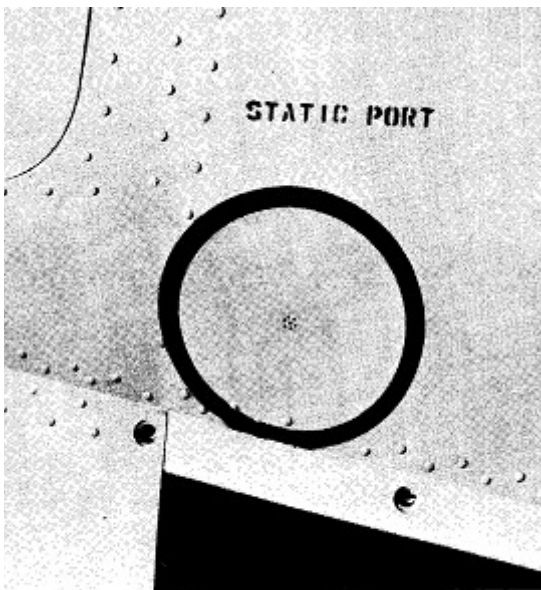


Figure 6-6. Static Port

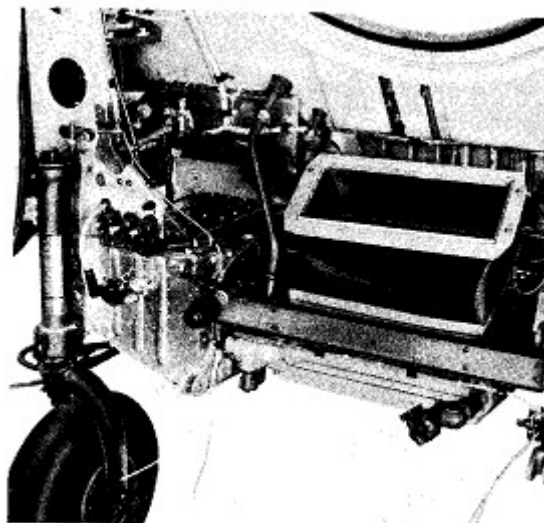


Figure 5-30. Engine Oil Cooler Installed —