

**BOEING**   
**COMMERCIAL JET**  
OVERHAUL MANUAL

TO: ALL HOLDERS OF RAIN REPELLENT VISUAL RESERVOIR ASSEMBLY OVERHAUL MANUAL,  
30-46-02

REVISION NO. 3, DATED MAY 10/87

HIGHLIGHTS

DESCRIPTION OF CHANGE	TOPICS AFFECTED												
	D & O	D / A s s y	C l e a n i n g	I n s p / C h k	R e p a i r	A s s y	F / C	T e s t	T / S h o o t i n g	S / T o o l s	S t o r a g e	I P L	L / O v e r h a u l
Updated and re-issued Table of Contents													

# RAIN REPELLENT SYSTEM VISUAL RESERVOIR ASSEMBLY

## 30-46-02

BOEING P/N 69-34511-1

AIRLINE P/N

---

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT

**BOEING**   
**COMMERCIAL JET**  
**OVERHAUL MANUAL**

**LIST OF EFFECTIVE PAGES**

\* Indicates pages revised, added or deleted in latest revision  
 F Indicates foldout pages - print one side only

PAGE	DATE	PAGE	DATE	PAGE	DATE
30-46-02					
T-1	Feb 10/71				
T-2	BLANK				
* LEP-1	May 10/87				
LEP-2	BLANK				
* T/C-1	May 10/87				
* T/C-2	BLANK				
1	Feb 10/71				
2	Dec 25/75				
3	Feb 10/71				
4	Jul 25/71				

**BOEING**   
**COMMERCIAL JET**  
OVERHAUL MANUAL

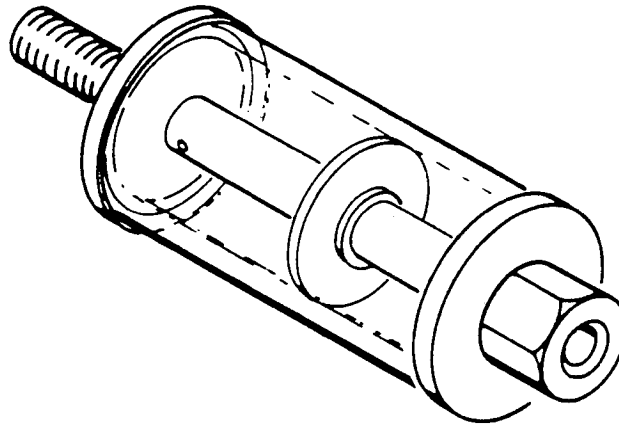
TABLE OF CONTENTS

<u>Paragraph Title</u>	<u>Page</u>
Description and Operation . . . . .	1
Disassembly . . . . .	1
Cleaning. . . . .	2
Inspection/Check. . . . .	2
Repair. . . . .	2
Assembly. . . . .	3
Fits and Clearances . . . . .	NONE
Testing . . . . .	3
Trouble Shooting. . . . .	NONE
Storage Instructions. . . . .	3
Special Tools, Fixtures, and Equipment. . . . .	NONE
Illustrated Parts List. . . . .	4
Numerical Parts List Index. . . . .	NONE

**BOEING**   
**COMMERCIAL JET**  
**OVERHAUL MANUAL**

RAIN REPELLENT SYSTEM VISUAL RESERVOIR ASSEMBLY

Boeing Part No. 69-34511-1



Rain Repellent System Visual Reservoir Assembly  
Figure 1

1. DESCRIPTION AND OPERATION

A. Description

- (1) The visual reservoir assembly consists of a sleeve, end caps, bolt, gaskets, and float.

B. Operation

- (1) The visual reservoir assembly is pressurized by air pressure through a passage in the threaded end of the bolt. The fluid passes through a passage in the bolt head. The float provides a visual indication of fluid level in the reservoir assembly.

2. DISASSEMBLY

- A. Remove parts (1) through (8) from bolt (9).

**BOEING**   
**COMMERCIAL JET**  
**OVERHAUL MANUAL**

69-34511

3. CLEANING

- A. Wash all metal parts with dry cleaning solvent, Specification P-D-680, or equivalent.
- B. Dry parts with a clean, lint-free cloth or moisture-free air.
- C. Wash parts (6, 7 and 8) with mild detergent. Rinse with clear water.

4. INSPECTION/CHECK

- A. Examine all metal parts for cracks, burrs and corrosion.
- B. Examine sleeve (6) for cracks and discoloration.
- C. Examine all threads for cross-threading and stripping.

5. REPAIR

| A. Deleted

B. Refinish (Fig. 2)

| NOTE: Refer to 20-30-02 for stripping of protective finishes and to  
| 20-41-01 for explanation of F and SRF finish codes.

| (1) Deleted

| (a) Cap (4) and bolt (9) -- Passivate (F-8.07) all over.  
| Material: CRES 302.

C. Replacement

(1) Replace packings (3), gaskets (5), and all parts worn or damaged beyond minor repair.

**30-46-02**

Page 2  
Dec 25/75

OHM

**BOEING**   
**COMMERCIAL JET**  
**OVERHAUL MANUAL**

6. ASSEMBLY

- A. Assemble parts (8) through (1) on bolt (9). Tighten nut (1) to a torque value of 50 to 70 pound-inches.

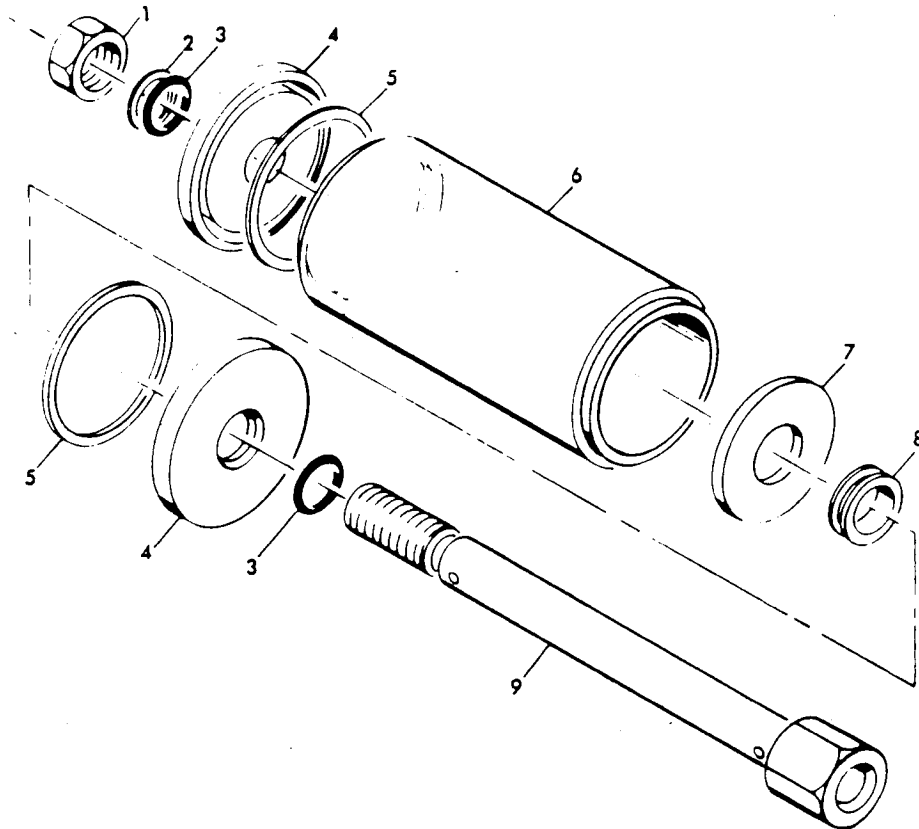
| 7. TESTING

- A. Apply 200 psi moisture-free air for 1 minute while the reservoir assembly is immersed in water. There shall be no leakage.
- B. Seal reservoir assembly after testing to prevent entrance of moisture.

| 8. STORAGE

- A. Wrap assembly in vapor-barrier paper and tag with test date.
- B. For further information refer to Temporary Protective Coatings, Subject 20-44-02.

9. ILLUSTRATED PARTS LIST



Rain Repellent System Visual Reservoir Assembly  
 Figure 2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	N O M E N C L A T U R E							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
2-	69-34511-1		RAIN REPELLENT SYSTEM VISUAL RESERVOIR ASSY								
1	AN6289-4									1	
2	MS28777-4									1	
3	MS28778-4									2	
4	66-22264-1									2	
5	66-22266-1									2	
6	66-22265-1									1	
7	66-22267-2									1	
8	NAS557-10B									1	
9	69-34510-1									1	