

AIRCRAFT SPRUCE & SPECIALTY

"EXPERIMENTAL"

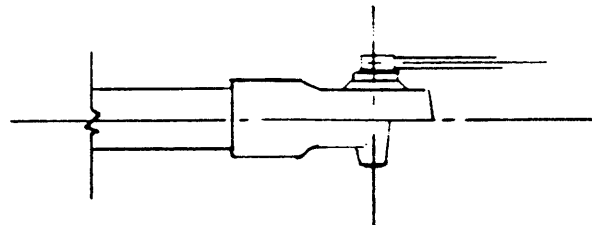
REPLACEABLE PARTS

- DIAL NO. 5051\$00923
- DIAL SCREWS (2 REQD. 40-416)
- MOUNTING SCREWS (4 REQD. 1/4"-28 X 5/8", 40-419)
- GASKET 15-4, BUNA "N"

GAUGE MATERIALS

- HEAD-DIECAST ALUMINUM
- DRIVE MAGNET-ALNICO
- CENTER SHAFT-TEMPERED ALUMINUM
- SUPPORT TUBE-TEMPERED ALUMINUM
- GEARS-STAINLESS STEEL
- CROSS STUD-STAINLESS STEEL
- GEAR HOUSING-DIECAST ALUMINUM
- BEARINGS-ALL STAINLESS STEEL
- FLOAT-NITRILE RUBBER
- FLOAT ROD-TEMPERED ALUMINUM

" THE USE OF THIS PRODUCT IN AIRCRAFT IS LIMITED TO EXPERIMENTAL AIRCRAFT APPLICATIONS ONLY. ROCHESTER GAUGES INC. TAKES NO POSITION AS TO THE SUITABILITY OF THIS DEVICE FOR ANY PARTICULAR APPLICATION INCLUDING ANY SPECIFIC AIRCRAFT APPLICATION. THE CUSTOMER IS SOLELY RESPONSIBLE FOR THE APPLICATION AND USE OF THIS PRODUCT."



NOTES:

1. USE DW 6053\$12000 FLOAT S/A. SHIP FLOAT LOOSE, STAKE FLOAT ROD AS SHOWN.
2. REMOVE ALL LOOSE BURRS FROM CROSS STUD WHERE FLOAT ROD ATTACHES.
3. DRILL & PIN HEAD & GEAR HOUSING.

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|--|---|----------------|---------|------------------------------|--|----------------------|--------|---|----------|---------------------------|------|
| A | "EXPERIMENTAL" AND AIRCRAFT APPLICATION NOTE ADDED. | H-5857 | 8-14-92 | B | FLOAT WASHERS WERE LT. OF FLOAT. FLOAT MATL. WAS CORK. STAKE DETAIL ADDED. | 2239 | 4-5-95 | | | | |
| LET. | REVISION | D.C.P. | DATE | LET. | REVISION | D.C.P. | DATE | LET. | REVISION | D.C.P. | DATE |
| TOLERANCES NOT SHOWN: ANG. ± °, DEC. ± | | FRACT. ± 1/64" | | MAT'L. COMMERCIAL TOLERANCES | | DO NOT SCALE DRAWING | | SUPERSEDES DR. NEW | | CHK. RMS | |
| ROCHESTER GAUGES, INC. OF TEXAS, DALLAS, TEXAS, U.S.A. | | | | SCALE 1/2" = 1" | | DATE 11-25-87 | | PART NAME SR. CENTERLINE LIQUID LEVEL GAUGE | | DRAWING NUMBER 7083-00011 | |

MATERIAL

APPR # 1173

COLOR

DRAWING NUMBER

7083-00011

ADDITIONAL CONSTRUCTIONAL AND INSPECTION REQUIREMENTS FOR ALL DIRECT INDICATING AIRCRAFT FUEL GAUGES.

- PRODUCTION NOTES:
1. DRILL #44 X 3/16" DEEP.
 2. DO NOT DRILL CLEAR THRU TUBE.
 3. USE 0040-00406 DRIVE SCREW IN HEAD & GEAR HOUSING.
 4. REMOVE ALL LOOSE BURRS.

- INSPECTION NOTES:
1. 100% DIMENSIONAL & FUNCTIONAL INSPECTION REQUIRED, TO INCLUDE: C'SHAFT END PLAY, CROSS STUD END PLAY, VISUAL CHECK FOR PROPER CLEARANCE BETWEEN GEAR TEETH & STOPS ON GEAR HOUSING, CHECK FLOAT FOR FREE MOVEMENT.
 2. NO LOOSE BURRS.
 3. SEE PAGE ONE FOR ADDITIONAL INSPECTION REQUIREMENTS, SUCH AS: FLOAT CHECK DRAWINGS PROCEDURES DS- NONE INSPECTION FIXTURES
 4. CALIBRATION

| LET. | REVISION | E.R.* | DATE | LET. | REVISION | E.R.* | DATE | LET. | REVISION | E.R.* | DATE | | | | | | | | | | | | | | | | | | |
|----------------------------------|----------|-----------------------------------|------|--------------------|----------|----------------------|------|----------------|----------|----------------|------|-----------------|--|--------------------|--|------------------|--|--------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| TOLERANCES NOT SHOWN | | ANG ± 1, DEC ± .005, FRACT ± 1/64 | | MAT'L: COMM. TOLE. | | DO NOT SCALE DRAWING | | SUPERSEDES NEW | | DR. <i>APR</i> | | CHK. <i>CXB</i> | | APPR. <i>F4555</i> | | USED ON AIRCRAFT | | | | | | | | | | | | | |
| ROCHESTER GAUGES, INC., OF TEXAS | | | | | | SCALE NONE | | | | | | DATE 11-24-87 | | | | | | PART NAME PAGE # 2 | | | | | | DRAWING NUMBER 7083-00011 | | | | | |
| DALLAS, TEXAS, U.S.A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |