



AIRFLOW PERFORMANCE, INC.  
111 Airflow Drive Spartanburg, SC 29306  
FAA REPAIR STATION # X9PR865N

## REPAIR SPECIFICATION

**REPAIR NUMBER: AP01**

**TITLE: Replacement of Servo Stem Seal**

**REVISION: 1**

**DATE: February 1, 2019**

**Effectivity:**

Part Name: Fuel Servos

Models: RSA-5AD1, LFC-5AD1, RSA-5AD2, RSA-5AB1, RSA-10AD1, LFC-10AD1, RSA-10ED1, LFC-10ED1, RSA-10ED2, RSA-10DB1, RSA-10DB2, RSA-7AA1, RSA-7DA1, LFR-NNSM10

Part Number(s): All Parts List

**Description of Repair:** Allow Alternate Servo Stem Seal

## REPAIR SPECIFICATION

**REPAIR NUMBER: AP02**

**TITLE: Alternate 0-80 Self Locking Nut**

**REVISION: 1**

**DATE: February 1, 2019**

**Effectivity:**

Part Name: Fuel Servos

Models: RSA-5AD1, LFC-5AD1, RSA-5AD2, RSA-5AB1, RSA-10AD1, LFC-10AD1, RSA-10ED1, LFC-10ED1, RSA-10ED2, RSA-10DB1, RSA-10DB2, RSA-7AA1, RSA-7DA1, LFR-NNSM10

Part Number(s): All Parts List

**Description of Repair:** Allow Alternate 0-80 Self Locking Nut



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## REPAIR SPECIFICATION

**REPAIR NUMBER: AP03**

**TITLE: Alternate O-Ring**

**REVISION: 1**

**DATE: February 1, 2019**

**Effectivity:**

Part Name: Fuel Servos

Models: RSA-5AD1, LFC-5AD1, RSA-5AD2, RSA-5AB1, RSA-10AD1, LFC-10AD1, RSA-10ED1, LFC-10ED1, RSA-10ED2, RSA-10DB1, RSA-10DB2, RSA-7AA1, RSA-7DA1, LFR-NNSM10

Part Number(s): All Parts List

**Description of Repair:** Allow Alternate O-rings

## REPAIR SPECIFICATION

**REPAIR NUMBER: AP04**

**TITLE: Alternate O-Rings, Seal, Diaphragm**

**REVISION:**

**DATE: May 8, 2025**

This repair allows replacement of Crane Aerospace O-rings, seals, and diaphragms with Airflow Performance O-rings, seals and diaphragms as an alternate during overhaul or repair of affected Lear Romec RG9080 and RG9570 series fuel pumps. Engine make & model applications can be found in the table below.

|                   |                  |                   |                   |
|-------------------|------------------|-------------------|-------------------|
| Lycoming GO-435   | Lycoming O-540   | Lycoming LTIO-540 | Lycoming TIGO-541 |
| Lycoming GO-480   | Lycoming IO-540  | Lycoming TIGO-540 | Lycoming IO-720   |
| Lycoming IGSO-480 | Lycoming TIO-540 | Lycoming TIO-541  | Lycoming TIO-720  |

# REPAIR SPECIFICATION

**REPAIR NUMBER: AP05**

**TITLE: Alternate Bearing, Seal Plate, Re-work Lock Nut, Housing**

**REVISION:**

**DATE: June 2, 2025**

This repair allows replacement of Crane Aerospace bearing, seal plate, housing with Airflow Performance bearing, seal plate, housing and a re-work to the lock nut used on overhaul or repair of affected Lear Romec RG9080 and RG9570 series fuel pumps. Engine make & model application data can be found in the table below.

## Engine Make & Model Application

|                   |                  |                   |                   |
|-------------------|------------------|-------------------|-------------------|
| Lycoming GO-435   | Lycoming O-540   | Lycoming LTIO-540 | Lycoming TIGO-541 |
| Lycoming GO-480   | Lycoming IO-540  | Lycoming TIGO-540 | Lycoming IO-720   |
| Lycoming IGSO-480 | Lycoming TIO-540 | Lycoming TIO-541  | Lycoming TIO-720  |

# REPAIR SPECIFICATION

**REPAIR NUMBER: AP06**

**TITLE: Alternate Flow Divider Fittings for Bendix, Precision & AVStar Flow Dividers**

**REVISION:**

**DATE: August 20, 2026**

This repair allows replacement of straight and 45-degree Bendix, Precision & AVStar Flow Divider Nozzle Line Fittings with Airflow Performance Nozzle Line Fittings. Applicable Flow Divider Parts List and Engine Make & Model Applicability can be found in the tables below.

## Flow Divider Parts List Applicability

### Precision

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 2520817 | 2524148 | 2524220 | 2524323 | 2524421 | 2576532 |
| 2521200 | 2524158 | 2524221 | 2524240 | 2524571 | 2576534 |
| 2521980 | 2524164 | 2524222 | 2524248 | 2524586 | 2576548 |
| 2522324 | 2524166 | 2524223 | 2524265 | 2524610 | 2576552 |
| 2524057 | 2524172 | 2524224 | 2524302 | 2539004 | 2576556 |
| 2524088 | 2524177 | 2524225 | 2524327 | 2539005 | 2576564 |
| 2524092 | 2524188 | 2524226 | 2524342 | 2539006 | 2576612 |
| 2524115 | 2524218 | 2524227 | 2524397 | 2539010 | 2576624 |
| 2524120 | 2524219 | 2524232 | 2524416 | 2576526 |         |

### AVStar

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| AV2524232 | AV2576526 | AV2576564 | AV2576624 |
|-----------|-----------|-----------|-----------|

