

Arrow Aviation, Co. L.L.C. CRS Y3AR527Y  
Repair Station and Quality Manual  
Document No. AA-RSQM-0002  
Component Capabilities Listing

---

---

DOMESTIC REPAIR STATION  
AND  
QUALITY MANUAL  
COMPONENT CAPABILITIES LISTING

---

---



Arrow. L.L.C  
CRS Y3AR527Y  
1318 Smede Hwy.  
Broussard, Louisiana 70518

*Control Number*

*Copy Assigned To*

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 11         |
|   | Revision Date       | 8/16/2021  |
|   | Original Issue Date | 05/17/2006 |

## MANUAL DISTRIBUTION LIST

Due to the number of organization's requesting copies of the Repair Station & Quality Control Manual, Arrow Aviation will keep a separate listing of the Manual Distribution List.

The reason for this is due to the paperwork reduction act of having to revise the manual when Arrow Aviation adds a new customer to the list.

This list is kept on file in the inspection/quality control department electronically or in a paper form.

## REVISION STATUS AND CONTROL LOG

| REV | DESCRIPTION OF CHANGE                             | DATE ISSUED | PAGES AFFECTED | BY |
|-----|---|-------------|----------------|----|
| IR  | Initial Release                                   | 05/17/06    | ALL            | RW |
| RI  | Format change                                     | 07/21/2014  | ALL            | CI |
| 1   | Added Van Horn Tail Rotor Blades                  | 7/25/2014   | 1-2, 10        | CI |
| 2   | Added TT-22 XPNDR & 40-412 Mail Wheel             | 7/27/2015   | 1-2, 6, 8, 10  | AS |
| 3   | Added Bell 429 & 214 Hyd. Actuators               | 7/20/2016   | 1-2, 6, 10     | AS |
| 4   | Added Agusta 109 series, GTX series               | 2/7/2017    | 1-2, 6, 8      | CI |
| 5   | Added NGT-9000 Transponder                        | 6/21/2017   | 1-2, 8         | AS |
| 6   | Add Rolls Royce 250-C28 engine series             | 10/17/2017  | 1,2,7          | RW |
| 7   | Add Bell 505 helicopter & Arrius 2R engine        | 12/13/2017  | 1,2,6, &7      | RW |
| 8   | Remove Arriel S & 1S. Add Arriel 1 Series Engines | 6/1/2018    | 1,2, &7        | AS |
| 9   | Addition of Engine repairs                        | 3/25/2020   | 1-2, 7         | CI |
| 10  | Addition of S-76 Series gearbox testing           | 02/01/2021  | 1-2, 6         | CI |
| 11  | Addition of S-76 Main rotor Servo                 | 8/16/2021   | 1-2, 10        | CI |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |
|     |   |             |                |    |

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 11         |
|   | Revision Date       | 8/16/2021  |
|   | Original Issue Date | 05/17/2006 |

## LIST OF EFFECTIVE PAGES

| <i>PAGE<br/>NUMBER</i> | <i>REVISION<br/>NUMBER</i> | <i>REVISION<br/>DATE</i> |
|------------------------|----------------------------|--------------------------|
| 1                      | 11                         | 8/16/2021                |
| 2                      | 11                         | 8/16/2021                |
| 3                      | REISSUE                    | 7/21/2014                |
| 4                      | REISSUE                    | 7/21/2014                |
| 5                      | REISSUE                    | 7/21/2014                |
| 6                      | 10                         | 02/01/2021               |
| 7                      | 9                          | 03/25/2020               |
| 8                      | 5                          | 06/21/2017               |
| 9                      | REISSUE                    | 7/21/2014                |
| 10                     | 11                         | 8/16/2021                |
|                        |                            |                          |
|                        |                            |                          |
|                        |                            |                          |
|                        |                            |                          |
|                        |                            |                          |
|                        |                            |                          |

Approved by:



Date:

16 August 2021

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | RI         |
|   | Revision Date       | 07/21/2014 |
|   | Original Issue Date | 05/17/2006 |

## **TABLE OF CONTENTS**

|  |   |
|--|---|
| MANUAL DISTRIBUTION LIST.....                                    | 1 |
| REVISION STATUS AND CONTROL LOG .....                            | 1 |
| LIST OF EFFECTIVE PAGES .....                                    | 2 |
| TABLE OF CONTENTS.....   | 3 |
| 1    GENERAL AND ADMINISTRATIVE PROCEDURES CAPABILITY LIST ..... | 4 |
| 1.1 ESTABLISHMENT AND REVISION PROCESS .....                     | 4 |
| 1.2 REVISION PROCEDURES .....                                    | 4 |
| 1.3 LIMITED RATINGS: AIRFRAME .....                              | 6 |
| 1.4 LIMITED RATINGS: POWER PLANT .....                           | 7 |
| 1.5 LIMITED RATINGS: INSTRUMENTS.....                            | 8 |
| 1.6 LIMITED RATINGS: ACCESSORIES .....                           | 9 |

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | RI         |
|   | Revision Date       | 07/21/2014 |
|   | Original Issue Date | 05/17/2006 |

## **1 GENERAL AND ADMINISTRATIVE PROCEDURES CAPABILITY LIST**

### **1.1 ESTABLISHMENT AND REVISION PROCESS**

#### Establishment and Revision

This repair station may perform maintenance, preventive maintenance, or alterations on the articles listed in a Capability List. The Accountable Manager is responsible for ensuring that this repair station's Capability List is consistent with the repair station ratings.

### **1.2 REVISION PROCEDURES**

The revision process for adding or deleting a component from the capabilities listing is as follows:

1. Only the General Manager, Director of Maintenance, or the Chief Inspector is authorized to make revisions to the listing. Before placing an article on the Capabilities list, the Accountable Manager will:
  - a) Determine that the article is within the scope of the repair station's ratings.
  - b) Perform a self-evaluation to determine that this repair station has the appropriate housing, facilities, equipment, material, technical data, processes, and trained personnel to perform the work on that article as required by Part 145.
  - c) Document the results of the self-evaluation.
  
2. Form number 201 (Capabilities Revision Form) will be used by the technician to request any changes to the listing. The form will have to be filled out completely and turned in to the General Manager or Chief Inspector. Form # 201 is self explanatory and must be filled out completely for the component to be reviewed for the capabilities listing. Form # 201 will be kept on file in the inspection office after completion of self evaluation process. (Samples of the actual forms used by the repair station and the method for completing them are contained in a separate document entitled "REPAIR STATION FORMS MANUAL. Document No. AA-RSQM-0003")
  
3. The following information is required about the component for the self evaluation process:
  - a) Part number
  - b) Manufacture compliant capability to produce (this may be overhaul, repair, inspect, test, and/or troubleshooting)
  - c) Adequate facilities to do the work
  - d) Required tooling and/or test equipment on hand Technical data to do the work
  - e) Qualified personnel to do the task

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | RI         |
|   | Revision Date       | 07/21/2014 |
|   | Original Issue Date | 05/17/2006 |

The Accountable Manager will review and approve the evaluation before revising the Capability List. The Capability List is a controlled document, and once the revision has been approved by the Accountable Manager or Chief Inspector it will be forwarded to the FAA by electronic means or by mail within seven days of creation or revision.

The FAA will acknowledge receiving the revision by electronic means or by mail.

Arrow Aviation Company, LLC, Repair Station # Y3AR527Y, will only work on those components that are on the Company's Capabilities Listing.

NOTE: Additional dash numbers will be denoted by -xxx

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 10         |
|   | Revision Date       | 02/01/2021 |
|   | Original Issue Date | 05/17/2006 |

### 1.3 LIMITED RATINGS: AIRFRAME

To include Daily, 100hr/annual inspections, mfg scheduled inspections, mfg special inspections, mfg Conditional inspection, structural repairs, strip, prime and paint aircraft interior, exterior and components on the following.

|                               |   |
|-------------------------------|---|
| BELL                          | 205 SERIES,<br>206 SERIES,<br>212 SERIES,<br>222 SERIES,<br>230 SERIES, *Note 1<br>407,<br>412 SERIES,<br>430, *Note 1<br>214ST,<br>427,<br>429 *Note 1<br>505 * Note 1 |
| SIKORSKY<br>*Note 1           | S-76A SERIES,            S-76 D SERIES<br>S-76B SERIES            S-92 SERIES *Note 2<br>S-76C SERIES<br>Includes testing of S-76 series gearboxes                      |
| AIRBUS HELICOPTERS<br>*Note 1 | AS-350 SERIES            EC-120 SERIES<br>AS355 SERIES            EC-135 SERIES<br>BO-105 SERIES            EC-130 SERIES<br>BK-117 SERIES                              |
| ARROW FALCON                  | OH-58 SERIES  |
| GARLICK                       | OH-58 SERIES  |
| AGUSTAWESTLAND<br>*Note 1     | A119/AW119 MK II SERIES<br>A109 SERIES<br>AW 139 SERIES   |

\*Note 1 – Structural repairs limited to repairs not requiring special tools.

\*Note 2 – S-92 limited to Sponson P/N 92000-08202-041, -042 & -043 inspect and repair only.

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 9          |
|   | Revision Date       | 3/25/2020  |
|   | Original Issue Date | 05/17/2006 |

#### 1.4 LIMITED RATINGS: POWER PLANT

|                        |  |
|------------------------|--|
| ROLLS ROYCE<br>*Note 1 | 250-C20 SERIES, C20B, C20F, C20J, C20R, C20S, C20W<br>250-C28 SERIES<br>250-C30 SERIES, C30G, C30G2, C30M, C30P, C30S,<br>250-C40 SERIES,<br>250-C47 SERIES  |
| PRATT & WHITNEY        | PT6T SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3017042 AND MANUFACTURES SERVICE BULLETINS   |
| PRATT & WHITNEY        | PT6B SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3034442 AND MANUFACTURES SERVICE BULLETINS   |
| PRATT & WHITNEY        | PW 207 SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3043612 AND MANUFACTURES SERVICE BULLETINS |
| PRATT & WHITNEY        | PW210S SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 30L0892 AND MANUFACTURES SERVICE BULLETINS |
| TURBOMECA              | TURBOMECA ARRIEL 1 SERIES, 2S, 2B, 2B1 SERIES AND ARRIUS 2B1, 2F, & 2R SERIES LIMITED TO MAINTENANCE LEVELS 1 & 2 AS PER TURBOMECA MAINTENANCE MANUALS.      |

\*Note 1: To include Engine repairs per Rolls Royce Parts Repair Procedure Letters.



|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 5          |
|   | Revision Date       | 06/21/2017 |
|   | Original Issue Date | 05/17/2006 |

## 1.5 LIMITED RATINGS: INSTRUMENTS

### INSPECTIONS & LINE MAINTENANCE:

1. Transponder, Altimeter, and integrated systems inspections limited to Inspection and Test in accordance with 14 CFR 91.411, 91.413, 43 Appendix E and Appendix F.

### TRANSPONDERS

1. GARMIN  
GTX series
2. BENDIX/KING  
KT-76 Series                      KT-70                      KT-79
3. COLLINS  
TDR-90                              TDR 94D
4. BECKER  
Bxp6402-XXX
5. TRIG  
TT-22
6. L3 Avionics  
NGT-9000

### ALTIMETERS

1. AEROSONIC  
102200 Series                      10035 Series
2. UNITED INSTRUMENT  
5934D Series

### ALTITUDE ENCODERS

1. ACK TECHNOLOGIES  
A-30 Series
2. AMERI-KING  
AK-350 Series
3. TRANS CAL  
D120P2-T and SSD120 Series

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | RI         |
|   | Revision Date       | 7/21/2014  |
|   | Original Issue Date | 05/17/2006 |

### 1.6 LIMITED RATINGS: ACCESSORIES

| Item Name                  | Part Number           | Inspect | Repair | O/H |
|----------------------------|-----------------------|---------|--------|-----|
| STARTER GENERATOR          | 23032-XXX             | YES     | NO     | NO  |
| STARTER GENERATOR          | 206-062-200-XXX       | YES     | NO     | NO  |
| STARTER GENERATOR          | 200SGL115-Q-2-1       | YES     | NO     | NO  |
| STARTER GENERATOR          | 76650-76650-70813-XXX | YES     | NO     | NO  |
| STARTER GENERATOR          | 23085-XXX             | YES     | NO     | NO  |
| ROTOR BRAKE                | 4000371               | YES     | YES    | YES |
| ROTOR BRAKE                | 400397-2              | YES     | YES    | YES |
| ROTOR BRAKE                | 4000476               | YES     | YES    | YES |
| ROTOR BRAKE                | 206-340-301-XXX       | YES     | YES    | YES |
| ROTOR BRAKE                | 206-706-503-XXX       | YES     | YES    | YES |
| ROTOR BRAKE                | 76363-09103-XXX       | YES     | YES    | YES |
| ROTOR BRAKE                | 206-076-047-XXX       | YES     | YES    | YES |
| ROTOR BRAKE MODULE         | 76650-09803-XXX       | YES     | YES    | NO  |
| ROTOR BRAKE CYLINDER       | 76650-01901-XXX       | YES     | YES    | YES |
| ROTOR BRAKE CYLINDER       | 204-076-036-005       | YES     | YES    | YES |
| ROTOR BRAKE<br>ACCUMULATOR | 76650-09809-101       | YES     | YES    | NO  |
| NOSE WHEEL                 | 40-413                | YES     | YES    | YES |
| NOSE WHEEL                 | 5003427               | YES     | YES    | YES |
| NOSE WHEEL                 | 5007553               | YES     | YES    | YES |
| MAIN WHEEL                 | 5004410               | YES     | YES    | YES |
| MAIN WHEEL                 | 5007554               | YES     | YES    | YES |

|   |                     |            |
|---|---------------------|------------|
| <b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b><br><b>Repair Station and Quality Manual</b><br><b>Document No. AA-RSQM-0002</b><br><b>Component Capabilities Listing</b> | Revision Number     | 11         |
|   | Revision Date       | 8/16/2021  |
|   | Original Issue Date | 05/17/2006 |

| Item Name                    | Part Number                                       | Inspect | Repair | O/H |
|------------------------------|---|---------|--------|-----|
| WHEEL BRAKE                  | 5007555   | YES     | YES    | YES |
| WHEEL BRAKE                  | 4000371   | YES     | YES    | YES |
| WHEEL BRAKE                  | 4000397   | YES     | YES    | YES |
| WHEEL BRAKE                  | 5003426   | YES     | YES    | YES |
| WHEEL BRAKE                  | 30-242  | YES     | YES    | YES |
| PARKING BRAKE VALVE          | 9059-1  | YES     | YES    | NO  |
| WHEEL BRAKE CYLINDER         | 76250-01101-102                                   | YES     | YES    | YES |
| HYDRAULIC MODULE             | 76650-09801-XXX                                   | YES     | YES    | YES |
| NOSE LANDING GEAR            | 1944/2070 SERIES                                  | YES     | YES    | YES |
| MAIN LANDING GEAR            | 1945/2071 SERIES                                  | YES     | YES    | YES |
| NOSE GEAR ACTUATOR           | 1944 SERIES                                       | YES     | YES    | YES |
| NOSE GEAR ACTUATOR           | 2070A200  | YES     | YES    | YES |
| MAIN GEAR ACTUATOR           | 1945 SERIES                                       | YES     | YES    | YES |
| MOOG ACTUATOR                | 76650-01802-102                                   | YES     | YES    | NO  |
| SOLENOID VALVE               | 76650-00901-XXX                                   | YES     | YES    | NO  |
| EQUIPMENT MOUNT KIT          | HF-206-EMS-3000-1                                 | YES     | YES    | NO  |
| LITTER KIT                   | HF-206-EMS-2000-1                                 | YES     | YES    | NO  |
| CARGO NET INSTALLATION       | 2550-01-01, 2550-01-02,<br>2550-01-03, 2550-01-04 | YES     | YES    | NO  |
| FUEL SELECTOR VALVE          | 65317-03006-XXX                                   | YES     | YES    | YES |
| VAN HORN TAIL ROTOR<br>BLADE | 2062200-101<br>2062200-103                        | YES     | YES    | NO  |
| MAIN WHEEL                   | 40-412  | YES     | YES    | YES |
| HYDRAULIC ACTUATOR           | 214-076-161-ALL                                   | YES     | YES    | YES |
| HYDRAULIC ACTUATOR           | 214-076-146-ALL                                   | YES     | YES    | YES |
| MAIN ROTOR SERVO             | 76650-09805-111/30006760-<br>111                  | YES     | YES    | YES |