

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

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DOMESTIC REPAIR STATION  
AND  
QUALITY MANUAL  
COMPONENT CAPABILITIES LISTING

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Arrow. L.L.C  
CRS Y3AR527Y  
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Broussard, Louisiana 70518

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<b>Arrow Aviation, Co. L.L.C. CRS Y3AR527Y</b> <b>Repair Station and Quality Manual</b> <b>Document No. AA-RSQM-0002</b> <b>Component Capabilities Listing</b>	Revision Number	9
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## 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

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## LIST OF EFFECTIVE PAGES

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1	9	03/25/2020
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3	REISSUE	7/21/2014
4	REISSUE	7/21/2014
5	REISSUE	7/21/2014
6	7	12/13/2017
7	9	03/25/2020
8	5	06/21/2017
9	REISSUE	7/21/2014
10	3	7/20/2016

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## **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

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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

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### 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, 206 SERIES, 212 SERIES, 222 SERIES, 230 SERIES, *Note 1 407, 412 SERIES, 430, *Note 1 214ST, 427, 429 *Note 1 505 * Note 1	
SIKORSKY *Note 1	S-76A SERIES, S-76B SERIES S-76C SERIES	S-76D SERIES S-92 SERIES *Note 2
AIRBUS HELICOPTERS *Note 1	AS-350 SERIES AS355 SERIES BO-105 SERIES BK-117 SERIES	EC-120 SERIES EC-135 SERIES EC-130 SERIES
ARROW FALCON	OH-58 SERIES	
GARLICK	OH-58 SERIES	
AGUSTAWESTLAND *Note 1	A119/AW119 MK II SERIES A109 SERIES 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.

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#### 1.4 LIMITED RATINGS: POWER PLANT

<b>ROLLS ROYCE</b> *Note 1	250-C20 SERIES, C20B, C20F, C20J, C20R, C20S, C20W 250-C28 SERIES 250-C30 SERIES, C30G, C30G2, C30M, C30P, C30S, 250-C40 SERIES, 250-C47 SERIES
<b>PRATT &amp; WHITNEY</b>	PT6T SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3017042 AND MANUFACTURES SERVICE BULLETINS
<b>PRATT &amp; WHITNEY</b>	PT6B SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3034442 AND MANUFACTURES SERVICE BULLETINS
<b>PRATT &amp; WHITNEY</b>	PW 207 SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 3043612 AND MANUFACTURES SERVICE BULLETINS
<b>PRATT &amp; WHITNEY</b>	PW210S SERIES – LIMITED TO MAINTENANCE IN ACCORDANCE WITH THE CURRENT PRATT & WHITNEY MAINTENANCE MANUAL PART NO. 30L0892 AND MANUFACTURES SERVICE BULLETINS
<b>TURBOMECA</b>	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.



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## 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

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### 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 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

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**LIMITED RATING: ACCESSORIES CONTINUED**

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, 2550-01-03, 2550-01-04	YES	YES	NO
FUEL SELECTOR VALVE	65317-03006-XXX	YES	YES	YES
VAN HORN TAIL ROTOR BLADE	2062200-101 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