

Technical Specification

ATR 72-600

A/C Type: 72-600
MSN:

Engine: PW127M
DoM: September 2017
As per: March 2021

TSN: 2165.00
CSN: 2395.00

Asset Specific Data

General

| | |
|-------------------------------|------|
| Certification base @ Delivery | EASA |
|-------------------------------|------|

Weights

| | |
|--------------------------|------------------------|
| Maximum Take Off Weight | 23,000 kg / 50,706 lbs |
| Maximum Taxi Weight | 23,170 kg / 51,081 lbs |
| Maximum Zero Fuel Weight | 21,000 kg / 46,297 lbs |
| Maximum Landing Weight | 22,350 kg / 49,273 lbs |
| Operational Empty Weight | 13,239 kg / 29,187 lbs |
| Last Weighting | 31-Jul-2020 |

Fuel

| | |
|----------------------------|-----------------------|
| Total Fuel Capacity | 5,000 kg / 11,023 lbs |
| Left Main, Max. Allowable | 2,500 kg / 5,512 lbs |
| Right Main, Max. Allowable | 2,500 kg / 5,512 lbs |
| Fuel Quantity Indicators | KGS |

Aircraft main features

| | | |
|--------------------------------|--|---|
| Approach CAT Rating | CAT II | |
| EGPWS | YES | Part of T2CAS |
| TCAS Version | T ² CAS (TCAS II Version 7.1) | |
| VHF Channel Spacing | 8.33 KHz | |
| Wheels and Brakes Manufacturer | Messier Bugatti | Mod # 5561 and 5562 |
| Enhanced Mode-S | YES | |
| ADSB Out Installed | DO-260 (V.0) | Mod # 7169 ADS-B Out Version 0 is installed |

| | | |
|-------------------------------|-----|----------------|
| ELT 406 MHZ Installed | YES | |
| CDSS Installed | YES | |
| Cockpit Secure Door Installed | YES | |
| HF Provision | YES | Provision Only |

Total passenger seats: 72
 Seat type: Geven S.p.A
 Seat pitch: 29.00
 Seat recline: Yes
 Seat cover material: Leather
 Seat cover color: Blue

Airframe

Model: 72-600
 Manufacturer: ATR
 Serial number:

| | As per | FH | FC | Ratio |
|------------------|-------------|----------|----------|-------|
| Totals Since New | 11-Mar-2021 | 2,165.00 | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|--------------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| 1 Year Inspection | 22-Jul-2020 | | | 1,240.00 | | |
| 2 Year Inspection | 19-Aug-2019 | | | 1,578.00 | | |
| 4 Year Inspection | | | | | | |
| 8 Year Inspection | | | | | | |
| 12 Year Inspection | | | | | | |
| 1C Check | | | | | | |
| 2C Check | | | | | | |
| 4C Check | | | | | | |
| 36k Check | | | | | | |
| 36k12k | | | | | | |
| 36k18k | | | | | | |
| 36k24k | | | | | | |

Engines

Model: PW127M
 Manufacturer: Pratt & Whitney
 Location: LH

| | As per | FH | FC | Ratio | Lowest Limiter FC remaining |
|------------------|-------------|----------|----------|-------|-----------------------------|
| Totals Since New | 11-Mar-2021 | 2,158.00 | 2,388.00 | 0.90 | 1,843.00 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| HSI | | | | | | |
| CSI | | | | | | |
| RGB | | | | | | |

| LLP Descriptor | LLP Part Number | Life Limit | FC Remaining at 11-Mar-2021 |
|-------------------|-----------------|------------|-----------------------------|
| HP Impeller | 3043293 | 15,000.00 | 12,612.00 |
| LP Impeller | 3039487 | 15,000.00 | 12,612.00 |
| HP Disk | 3041511 | 15,000.00 | 12,612.00 |
| LP Disk | 3039412 | 15,000.00 | 12,612.00 |
| PT Disc 1st Stage | 3038513 | 30,000.00 | 27,612.00 |
| PT Disc 2nd Stage | 3033914 | 30,000.00 | 27,612.00 |
| HPT Front Cover | 3039640 | 13,043.00 | 10,655.00 |
| HPT Rear Cover | 3039639 | 15,000.00 | 12,612.00 |
| Air Seal | 3039172 | 12,000.00 | 9,612.00 |
| HPT Blades | 3115601-01 | 4,000.00 | 1,843.00 |

Model: PW127M
 Manufacturer: Pratt & Whitney
 Location: RH

| | As per | FH | FC | Ratio | Lowest Limiter FC remaining |
|------------------|-------------|----------|----------|-------|-----------------------------|
| Totals Since New | 11-Mar-2021 | 2,158.00 | 2,388.00 | 0.90 | 1,842.00 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| HSI | | | | | | |
| CSI | | | | | | |
| RGB | | | | | | |

| LLP Descriptor | LLP Part Number | Life Limit | FC Remaining at 11-Mar-2021 |
|-------------------|-----------------|------------|--------------------------------|
| HP Impeller | 3043293 | 15,000.00 | 12,612.00 |
| LP Impeller | 3039487 | 15,000.00 | 12,612.00 |
| HP Disk | 3041511 | 15,000.00 | 12,612.00 |
| LP Disk | 3039412 | 15,000.00 | 12,612.00 |
| PT Disc 1st Stage | 3038513 | 30,000.00 | 27,612.00 |
| PT Disc 2nd Stage | 3033914 | 30,000.00 | 27,612.00 |
| HPT Front Cover | 3039640 | 13,043.00 | 10,655.00 |
| HPT Rear Cover | 3039639 | 15,000.00 | 12,612.00 |
| Air Seal | 3039172 | 12,000.00 | 9,612.00 |
| HPT Blades | 3115601-01 | 4,000.00 | 1,842.00 |

Landing Gears

Model: 72-600 - NLG
 Manufacturer: Safran/Messier Bugatti Dowty
 Part number: D22698500-8/C
 Location: NLG

| | As per | FH | FC | Ratio |
|------------------|-------------|----|----------|-------|
| Totals Since New | 11-Mar-2021 | | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| NLG | 14-Sep-2017 | | | 2,282.00 | | |
| NLG | | | | | | |

Model: 72-600 - LH-MLG
 Manufacturer: Safran/Messier Bugatti Dowty
 Part number: D23189000-24/D
 Location: MLG-LH

| | As per | FH | FC | Ratio |
|------------------|-------------|----|----------|-------|
| Totals Since New | 11-Mar-2021 | | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| LH-MLG | 14-Sep-2017 | | | 2,282.00 | | |
| LH-MLG | | | | | | |

Model: 72-600 - RH-MLG
 Manufacturer: Safran/Messier Bugatti Dowty
 Part number: D23190000-24/D
 Location: MLG-RH

| | As per | FH | FC | Ratio |
|------------------|-------------|----|----------|-------|
| Totals Since New | 11-Mar-2021 | | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| RH-MLG | 14-Sep-2017 | | | 2,282.00 | | |
| RH-MLG | | | | | | |

Propellers

Model: 568F-1
 Manufacturer: Hamilton Sundstrand
 Part number: 815470-1
 Location: LH

| | As per | FH | FC | Ratio |
|------------------|-------------|----------|----------|-------|
| Totals Since New | 11-Mar-2021 | 2,165.00 | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| Propellers | 07-Jan-2017 | | | 2,532.00 | | |
| Propellers | | | | | | |

Model: 568F-1
 Manufacturer: Hamilton Sundstrand
 Part number: 815470-1
 Location: RH

| | As per | FH | FC | Ratio |
|------------------|-------------|----------|----------|-------|
| Totals Since New | 11-Mar-2021 | 2,165.00 | 2,395.00 | 0.90 |

| Check History | Date | FH | FC | Since Last Check | | |
|---------------|-------------|----|----|------------------|-------|--------|
| | | | | Days | Hours | Cycles |
| Propellers | 07-Jan-2017 | | | 2,532.00 | | |
| Propellers | | | | | | |

Configuration Components

23 - Communications

| ATA | Description | Manufacturer | QTY |
|-----|--|------------------------|-----|
| 23 | Emergency Locator Transmitter | Elta | 2 |
| 23 | Remote Audio Control Unit | Team | 1 |
| 23 | SELCAL DECODER | Team | 1 |
| 23 | VHF Comm Transceiver VHF 22A or VHF22C | Rockwell Collins, Inc. | 2 |

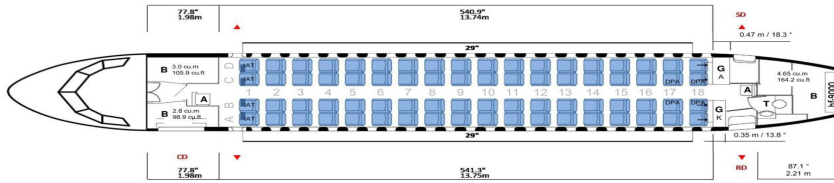
31 - Indicating/Recording Systems

| ATA | Description | Manufacturer | QTY |
|-----|---|------------------------------|-----|
| 31 | AIRCRAFT PERSONALITY MODULE | ACSS | 1 |
| 31 | INTEGRATED AVIONICS DISPLAY | Thales | 5 |
| 31 | Integrated Electronic Standby Instruments | ACSS | 1 |
| 31 | MPC-ED36 | Safran/Messier Bugatti Dowty | 1 |
| 31 | Solid Stage Cockpit Voice Recorder | L3 Communications Corp | 1 |
| 31 | Solid Stage Flight Data Recorder | L3 Communications Corp | 1 |
| 31 | T2CAS | Thales | 1 |

34 - Navigation

| ATA | Description | Manufacturer | QTY |
|-----|---|------------------------------|-----|
| 34 | (Multifunction Control Display Unit) | BARCO N.V. BARCOVIEW | 2 |
| 34 | Air Data Computer | Thales | 2 |
| 34 | ATC Transponder Mode S | ACSS | 2 |
| 34 | Attitude & Heading Reference Unit | Safran/Messier Bugatti Dowty | 2 |
| 34 | Automatic Direction Finder Receiver | Rockwell Collins, Inc. | 2 |
| 34 | Distance Measuring Equipment Interrogator | Rockwell Collins, Inc. | 2 |
| 34 | GPS RECEIVER | Rockwell Collins, Inc. | 2 |
| 34 | Multifunction Computer | Airbus Operations | 2 |
| 34 | Radio Altimeter Transceiver | Thales | 1 |
| 34 | VOR/ILS Marker Receiver | Rockwell Collins, Inc. | 2 |
| 34 | Weather Radar Transceiver Antenna Assy WX | Honeywell | 1 |

Images



Overall Cabin (refer to drawing)

- A Cabin attendant seat
- B Baggage compartment
- CD Cargo door
- ▲ Emergency exit
- RD Rear door
- SD Service door
- T Toilet
- G Galley

Passenger Seats (refer to seats specification)

- IAT In-arm table
- STD Standard
- LR Last row
- LH/RH Left / Right hand side
- DPA Disabled people armrest

Galley Equipment (refer to galley(s) specification)

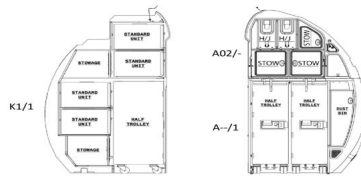
- H/J Hot jug
- STOW Stowage

| Baggage Volumes | cu.m | cu.ft |
|-------------------------------------|-------|-------|
| Baggage compartments | 10.45 | 369.0 |
| Baggage / pax | 0.145 | 5.12 |
| Total baggage (incl. overhead bins) | 13.71 | 484.3 |
| Total baggage / pax | 0.190 | 6.72 |

Seats Specification (from front to rear of cabin)

| Description | Part Number | Qty |
|-----------------------|---------------|-----|
| GEVEN PRES IAT RH | D1-03-720-5NC | 1 |
| GEVEN PRES IAT LH | D1-03-719-5NC | 1 |
| GEVEN PRES STD RH | D1-06-722-5NC | 15 |
| GEVEN PRES STD LH | D1-06-721-5NC | 15 |
| GEVEN PRES STD LH DPA | D1-06-725-5NC | 1 |
| GEVEN PRES STD RH DPA | D1-06-726-5NC | 1 |
| GEVEN PRES LR RH DPA | D1-06-354-5NC | 1 |
| GEVEN PRES LR LH DPA | D1-06-353-5NC | 1 |

Galley(s) Specification: A02/1 - K1/1



Rev. 0 Initial release

| | |
|---------------|----------------------------------|
| Author | N. Chettleburgh [365 DDS Ltd] |
| Date | 12 Aug 2020 |
| Source | As per Contractual Specification |
| Chrono number | NAC-1450 |