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SECTION 1: GENERAL (ALL MODELS)

1. Data Sheet No.: EASA.A.397
2. Airworthiness Category: Large Aeroplane
3. Performance Category: A
4. Certifying Authority: EASA
5. Type Certificate Holder: BAE SYSTEMS (Operations) Limited
Prestwick International Airport
Monkton
Ayrshire
Scotland
KA9 2RW
United Kingdom
6. Construction Numbers: HS 748 Series 1:

1534 to 1547, 1549, & 1556 to 1560

HS 748 Series 2:

1550 to 1555, 1561 to 1634, 1636 to 1656, 1659, 1660,
1663, 1664, 1693, 1707 to 1711, 1715 & 1723 to 1727

HS 748 Series 2A:

1635, 1657, 1658, 1661, 1662, 1665 to 1692, 1694 to
1706, 1712 to 1714, 1716 to 1722, 1728 to 1767, 1769 to
1772, 1775 & 1777

HS 748 Series 2B:

1768, 1773, 1774, 1776 & 1778 to 1807

- Notes: 1 HS 748 construction numbers are sequential and run from 1534 to 1807 but do not include 1548 and 1572 to 1575.
- 2 The above construction numbers listed against a particular model (Series 1, Series 2, etc.) were correct at the time each individual aircraft was initially delivered. However, some construction numbers of HS 748 may conform to a later variant than indicated above, through the retrospective embodiment of the relevant modifications.
 - 3 This type certificate is not applicable to those HAL 748 aircraft that have serial numbers in the range 500 to 588 inclusive. These aircraft were assembled or manufactured by the Indian Air Force Manufacturing Depot or Hindustan Aeronautics Limited at Kanpur, India between 1961 and 1984.

SECTION 2: HS 748 Series 1

I. General

1. **Aircraft:** HS 748 Series 1

II. Certification Basis

1. **Reference Date For Determining the Applicable Requirements - UK Air Registration Board (ARB) Certification Application Date:** 16 March 1959
2. **EASA (UK CAA/ARB) Certification Date:** 9 January 1962
3. **EASA Certification Basis:**

British Civil Airworthiness Requirements Section D Issue 4
British Civil Airworthiness Requirements Section J Issue 2

Special Conditions:

None.

Exemptions:

None.

Equivalent Safety Findings:

None.

Environmental Standards:

The original reference date for determining the applicable requirements for the HS 748 predates the introduction of these standards.

III Technical Characteristics and Operational Limitations

1. **Type Design Definition:** A.3244 Issue 6

2. **Description:**

Low wing turboprop transport with conventional tail unit configuration, powered by two turbopropeller engines mounted conventionally above the wings driving four bladed propellers.

3. **Equipment:**

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the aircraft for certification. The Illustrated Parts Catalogue also contains all equipment approved for installation in the aeroplane.

4. Dimensions:

| | | |
|------------------|---------------------|---------------------|
| Length | 20.42m | 67 ft. 0 in |
| Wingspan | 30.02m | 98ft 6in |
| Height | 7.57m | 24 ft. 10 in |
| Wing Area | 75.35m ² | 810 ft ² |

5. Engines:

Two:

Rolls Royce Dart 6 Mk 514 or Dart 7 Mk 533-2

Engine Limits:

| | Equivalent Shaft Horse Power (ESHP) | Propeller Shaft Speed (RPM) | Reduction Gearing |
|------------------------|--|------------------------------------|--------------------------|
| Dart 6 Mk 514 | 1,740 | 14,500 | 0.086:1 |
| Dart 7 Mk 533-2 | 2,105 | 15,000 | 0.093:1 |

For detailed engine limitations, see AO 1 series Aircraft Flight Manuals.

6. Auxiliary Power Unit (APU): Rover 25/150A (optional)

7. Propellers:

Dowty Rotol Type CR.201/4-30-4/20 or CR.212/4-30-4/22 or CR.251/4-30-4/49 4 bladed, constant speed propellers.

Propeller Limits:

Continuous ground operation between 8,500 and 9,500 rpm is to be avoided.

All static ground running takeoff rpm must be done with the aircraft facing into the wind \pm 60 degrees, when the wind velocity exceeds 15 knots.

For detailed propeller limitations, see AO 1 series Aircraft Flight Manuals.

8. Fluids (Fuel/Oil/Additives):

For details of approved fuels, oils and additives see the AO 1 series Aircraft Flight Manuals.

9. Fluid Capacities:

9.1 Fuel Capacity:

| Fuel Capacity | UK Gal | US Gal | litres | kg | lb |
|----------------------|---------------|---------------|---------------|-----------|-----------|
| Usable | 1,138 | 1,367 | 5,173 | 4,138 | 9,123 |
| Unusable | 2 | 3 | 9 | 7 | 15 |
| Total | 1,140 | 1,364 | 5,164 | 5,237 | 9,108 |

Capacity based on pressure refuelling.

9.2 Oil Capacity:

Each engine and oil tank combined:

15.14 litres
3.33 UK gallons
4 U.S. gallons

10. **Air Speeds:** Refer to AO 1 series Aircraft Flight Manuals

11. **Maximum Operating Altitude:** 25,000

12. **All Weather Capability:** Category 1

13. **Maximum Weights:**

| | Basic Maximum Weight (kg) | Basic Maximum Weight (lb) |
|--------------------------|----------------------------------|----------------------------------|
| Take-off | 16,690 kg | 36,800 lb |
| Maximum landing | 16,456 kg | 36,300 lb |
| Maximum zero fuel | 15,060 kg | 33,200 lb |

Variations in aircraft maximum weights are allowed through modification action. This will result in an amendment to the Aircraft Flight Manual.

14. **Centre of Gravity Range:** Refer to AO 1 series Aircraft Flight Manuals

15. **Datum:** Refer to Weight and Balance Manual

16. **Standard Mean Chord (SMC):** 2.509m (98.77 inches)
Note: Leading edge of SMC is 1.096m (43.15 inches) aft of the C.G. datum

17. **Levelling Means:** Refer to Weight and Balance Manual

18. **Minimum Flight Crew:** Two (Pilot and Co-pilot) for all types of flight

19. **Maximum Seating Capacity (including crew):** 57

20. **Emergency Exits:**

| Location | Type | Size | |
|--|-------------|-------------|---------|
| | | mm | inches |
| One Passenger Entry Door - Left Side (Rear Cabin) | Type I | 1570 x 760 | 62 x 30 |
| One Service Door - Right Side (Rear Cabin) | Type I | 1240 x 640 | 49 x 25 |
| Two Overwing Emergency Exits - Left & Right Side | Type IV | 660x483 | 26x19 |

Sliding windows on the left and right hand side provide escape routes from the flight deck

SECTION 3: HS 748 Series 2

I. General

1. **Aircraft:** HS 748 Series 2

II. Certification Basis

1. **Reference Date For Determining the Applicable Requirements - UK Air Registration Board (ARB) Certification Application Date:** 16 March 1959
2. **EASA (UK CAA/ARB) Certification Date:** 29 October 1962
3. **EASA Certification Basis:**

British Civil Airworthiness Requirements Section D Issue 4
British Civil Airworthiness Requirements Section J Issue 2

Special Conditions:

None.

Exemptions:

None.

Equivalent Safety Findings:

None.

Environmental Standards:

The original reference date for determining the applicable requirements for the HS 748 predates the introduction of these standards.

III Technical Characteristics and Operational Limitations

1. **Type Design Definition:** A.3237 Issue 18 and A.3257 Issue 7

2. **Description:**

Low wing turboprop transport with conventional tail unit configuration, powered by two turbopropeller engines mounted conventionally above the wings driving four bladed propellers.

3. **Equipment:**

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the aircraft for certification. The Illustrated Parts Catalogue also contains all equipment approved for installation in the aeroplane.

4. Dimensions:

| | | |
|------------------|---------------------|---------------------|
| Length | 20.42m | 67 ft. 0 in |
| Wingspan | 30.02m | 98ft 6in |
| Height | 7.57m | 24 ft. 10 in |
| Wing Area | 75.35m ² | 810 ft ² |

5. Engines:

Two:

Rolls Royce Dart 7 MK 531 or Mk 533-2 or Dart 8 Mk 550-2

Engine Limits:

| | Equivalent Shaft Horse Power (ESHP) | Propeller Shaft Speed (RPM) | Reduction Gearing |
|------------------------|--|------------------------------------|--------------------------|
| Dart 7 Mk 531 | 1,910 | 15,000 | 0.093:1 |
| Dart 7 Mk 533-2 | 2,105 | 15,000 | 0.093:1 |
| Dart 8Mk 550-2 | 2,250 | 15,000 | 0.093:1 |

For detailed engine limitations, see AO 1 series Aircraft Flight Manuals.

6. Auxiliary Power Unit (APU): Rover 25/150A (optional)

7. Propellers:

Dowty Rotol Type CR.201/4-30-4/20 or CR.212/4-30-4/22 or CR.251/4-30-4/49 4 bladed, constant speed propellers.

Propeller Limits:

Continuous ground operation between 8,500 and 9,500 rpm is to be avoided.

All static ground running takeoff rpm must be done with the aircraft facing into the wind \pm 60 degrees, when the wind velocity exceeds 15 knots.

For detailed propeller limitations, see AO 1 series Aircraft Flight Manuals.

8. Fluids (Fuel/Oil/Additives):

For details of approved fuels, oils and additives see the AO 1 series Aircraft Flight Manuals.

9. Fluid Capacities:

9.1 Fuel Capacity:

| Fuel Capacity | UK Gal | US Gal | litres | kg | lb |
|----------------------|---------------|---------------|---------------|-----------|-----------|
| Usable | 1,438 | 1,726 | 6,537 | 5,230 | 11530 |
| Unusable | 2 | 3 | 9 | 7 | 15 |
| Total | 1,440 | 1,729 | 6,546 | 5,237 | 11,546 |

Capacity based on pressure refuelling.

9.2 Oil Capacity:

Each engine and oil tank combined:

15.14 litres
3.33 UK gallons
4 U.S. gallons

10. **Air Speeds:** Refer to AO 1 series Aircraft Flight Manuals

11. **Maximum Operating Altitude:** 25,000

12. **All Weather Capability:** Category 1

13. **Maximum Weights:**

| | Basic Maximum weight (kg) | Basic Maximum weight (lb) |
|---------------------------------|----------------------------------|----------------------------------|
| Take-off | 19,750 | 43,500 |
| Maximum Landing Weight | 18,824 | 41,500 |
| Maximum Zero Fuel Weight | 16,783 | 37,000 |

Variations in aircraft maximum weights are allowed through modification action. This will result in an amendment to the Aircraft Flight Manual.

14. **Centre of Gravity Range:** Refer to AO 1 series Aircraft Flight Manuals

15. **Datum:** Refer to Weight and Balance Manual

16. **Standard Mean Chord (SMC):** 2.509m (98.77 inches)
Note: Leading edge of SMC is 1.096m (43.15 inches) aft of the C.G. datum

17. **Levelling Means:** Refer to Weight and Balance Manual

18. **Minimum Flight Crew:** Two (Pilot and Co-pilot) for all types of flight

19. **Maximum Seating Capacity (including crew):** 57

20. **Emergency Exits:**

| Location | Type | Size | |
|--|-------------|-------------|---------|
| | | mm | inches |
| One Passenger Entry Door - Left Side (Rear Cabin) | Type I | 1570 x 760 | 62 x 30 |
| One Service Door - Right Side (Rear Cabin) | Type I | 1240 x 640 | 49 x 25 |
| Two Overwing Emergency Exits - Left & Right Side | Type IV | 660x483 | 26x19 |

Sliding windows on the left and right hand side provide escape routes from the flight deck

SECTION 4: HS 748 Series 2A

I. General

1. **Aircraft:** HS 748 Series 2A

II. Certification Basis

1. **Reference Date For Determining the Applicable Requirements - UK Air Registration Board (ARB) Certification Application Date:** 16 March 1959
2. **EASA (UK CAA/ARB) Certification Date:** 13 August 1968
3. **EASA Certification Basis:**

British Civil Airworthiness Requirements Section D Issue 4
British Civil Airworthiness Requirements Section J Issue 2

Special Conditions:

None.

Exemptions:

None.

Equivalent Safety Findings:

None.

Environmental Standards:

The original reference date for determining the applicable requirements for the HS 748 predates the introduction of these standards.

III Technical Characteristics and Operational Limitations

1. **Type Design Definition:** A.3237 Issue 18 and A.3257 Issue 7 with the addition of modifications 2644, 2392, 2390, 2881 or 2882, and 2863

2. **Description:**

Low wing turboprop transport with conventional tail unit configuration, powered by two turbopropeller engines mounted conventionally above the wings driving four bladed propellers.

3. **Equipment:**

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the aircraft for certification. The Illustrated Parts Catalogue also contains all equipment approved for installation in the aeroplane.

4. Dimensions:

| | | |
|------------------|---------------------|---------------------|
| Length | 20.42m | 67 ft. 0 in |
| Wingspan | 30.02m | 98ft 6in |
| Height | 7.57m | 24 ft. 10 in |
| Wing Area | 75.35m ² | 810 ft ² |

5. Engines:

Two:

Rolls Royce Dart 7 Mk (534-2 or Mk 532-2L)

Engine Limits:

| | Equivalent Shaft Horse Power (ESHP) | Propeller Shaft Speed (RPM) | Reduction Gearing |
|--|--|------------------------------------|--------------------------|
| Dart 7 Mk 532-2L (see Note) | 2,280 | 15,000 | 0.093:1 |
| Dart 7 Mk 534-2 (see Note) | 2,280 | 15,000 | 0.093:1 |

For detailed engine limitations, see AO 1 series Aircraft Flight Manuals.

Note: Rolls Royce Dart Mk 534-2 was formerly known as Rolls Royce Dart Mk 532-2L

6. Auxiliary Power Unit (APU): Rover 25/150A (optional)

7. Propellers:

Dowty Rotol Type CR.201/4-30-4/20 or CR.212/4-30-4/22 or CR.251/4-30-4/49 4 bladed, constant speed propellers.

Propeller Limits:

Continuous ground operation between 8,500 and 9,500 rpm is to be avoided.

All static ground running takeoff rpm must be done with the aircraft facing into the wind \pm 60 degrees, when the wind velocity exceeds 15 knots.

For detailed propeller limitations, see AO 1 series Aircraft Flight Manuals.

8. Fluids (Fuel/Oil/Additives):

For details of approved fuels, oils and additives see the AO 1 series Aircraft Flight Manuals.

9. Fluid Capacities:

9.1 Fuel Capacity:

| Fuel Capacity | UK Gal | US Gal | litres | kg | lb |
|----------------------|---------------|---------------|---------------|-----------|-----------|
| Usable | 1,438 | 1,726 | 6,537 | 5,230 | 11530 |
| Unusable | 2 | 3 | 9 | 7 | 15 |
| Total | 1,440 | 1,729 | 6,546 | 5,237 | 11,546 |

Note: Conversion of 0.8 kg/litre. Capacity based on pressure refuelling.

9.2 Oil Capacity:

Each engine and oil tank combined:
15.14 litres
3.33 UK gallons
4 U.S. gallons

10. **Air Speeds:** Refer to AO 1 series Aircraft Flight Manuals
11. **Maximum Operating Altitude:** 25,000
12. **All Weather Capability:** Category 1
13. **Maximum Weights:**

| | Basic Maximum weight (kg) | Basic Maximum weight (lb) |
|---------------------------------|----------------------------------|----------------------------------|
| Take-off | 21,092 | 46,500 |
| Maximum Landing Weight | 19,504 | 43,000 |
| Maximum Zero Fuel Weight | 17,463 | 38,500 |

Variations in aircraft maximum weights are allowed through modification action. This will result in an amendment to the Aircraft Flight Manual.

14. **Centre of Gravity Range:** Refer to AO 1 series Aircraft Flight Manuals
15. **Datum:** Refer to Weight and Balance Manual
16. **Standard Mean Chord (SMC):** 2.509m (98.77 inches)
Note: Leading edge of SMC is 1.096m (43.15 inches) aft of the C.G. datum
17. **Levelling Means:** Refer to Weight and Balance Manual
18. **Minimum Flight Crew:** Two (Pilot and Co-pilot) for all types of flight
19. **Maximum Seating Capacity (including crew):** 57

20. Emergency Exits:

| Location | Type | Size | |
|--|---------|------------|---------|
| | | mm | inches |
| One Passenger Entry Door - Left Side (Rear Cabin) | Type I | 1570 x 760 | 62 x 30 |
| One Service Door - Right Side (Rear Cabin) | Type I | 1240 x 640 | 49 x 25 |
| Two Overwing Emergency Exits - Left & Right Side | Type IV | 660x483 | 26x19 |

Sliding windows on the left and right hand side provide escape routes from the flight deck

21. Baggage/Cargo Compartments:

| Location | Class | Max Allowable Load | |
|-------------------------------|--------------|--------------------|------|
| | | kg | lb |
| Front Right Hand Side - Small | (See Note 1) | 612 | 1350 |
| Front Right Hand Side - Large | (See Note 1) | 835 | 1840 |
| Front Left Hand Side - Small | (See Note 1) | 367 | 810 |
| Front Left Hand Side - Large | (See Note 1) | 558 | 1230 |
| Rear | (See Note 1) | 771 | 1700 |

Note 1: The certification basis of the aircraft pre-dates the introduction of cargo and baggage compartment classifications.

Note 2: Baggage compartment load not to exceed placarded loading limitation, and baggage compartment floor loading not to exceed AFM loading limitation.

22. Wheels and Tyres:

| | |
|------------------------|--|
| Landing Gear: | Hydraulically retractable tricycle Track: 7.54m (24ft 9in) Wheelbase: 6.30m (20ft 8in) |
| Nosegear: | 2 wheels per unit |
| Tyres: | Dunlop DR8628 or DR8628T |
| Maximum Tyre Pressure: | 61psi |
| Main gear: | 2 wheels per unit |
| Tyres: | Dunlop DR10725T or DR10765T or DR10768T |
| Maximum Tyre Pressure: | 98 psi |

IV Operating and Service Instruction

The following publications provide the necessary information to enable the subject aircraft to be operated and maintained satisfactorily:

- | | | |
|-----|--|--------------------------------------|
| 1. | Aircraft Flight Manual: | AO 1.8 & AO 1.10 (FAA) |
| 2. | Manufacturers Operations Manual: | HS 748 Series 2A Crew Manual |
| 3. | Maintenance Schedule: | HS 748 Maintenance Schedule |
| 4. | Manufacturers Maintenance Manual: | HS 748 Maintenance Manual |
| 5. | Structural Repair Manual: | HS 748 Structural Repair Manual |
| 6. | Wiring Diagram Manual: | HS 748 Wiring Manual |
| 7. | Illustrated Parts Catalogue: | HS 748 Illustrated Parts Catalogue |
| 8. | Weight and Balance Manual: | HS 748 Weight and Balance Manual |
| 9. | Master Minimum Equipment List: | HS 748 Master Minimum Equipment List |
| 10. | Manufacturers Service Bulletins approved under the authority of UK CAA Approval DAI/1103/38 or DAI/9386/92 or DAI/1011/55 or JAA JAR 21 Approval CAA.JA.02034 or EASA Part 21 Approval EASA.21J.047. | |

Note: Airworthiness Limitations and Certification Maintenance Requirements are listed in the Manufacturers Maintenance Manual, Chapter 5.

V. Notes

1. Cabin Interior and Seating Configurations must be approved.

SECTION 5: HS 748 Series 2B

I. General

1. **Aircraft:** HS 748 Series 2B

II. Certification Basis

1. **Reference Date For Determining the Applicable Requirements - UK Air Registration Board (ARB) Certification Application Date:** 16 March 1959
2. **EASA (UK CAA) Certification Date:** 2 July 1981
3. **EASA Certification Basis:**

British Civil Airworthiness Requirements Section D Issue 4
British Civil Airworthiness Requirements Section J Issue 2

Special Conditions:

None.

Exemptions:

None.

Equivalent Safety Findings:

None.

Environmental Standards:

The original reference date for determining the applicable requirements for the HS 748 predates the introduction of these standards.

III. Technical Characteristics and Operational Limitations

1. **Type Design Definition:** A.3237 Issue 18 and A.3257 Issue 7 with the addition of modifications 2644, 2392, 2390, 2881 or 2882, 2863, 6426, 6756, 5993, 6246, 6179, 6182, 6570, 6597, 6640, 6700, 6180, 6181, 6178, 6255, 6223, 6224, and 6225.
2. **Description:**
- Low wing turboprop transport with conventional tail unit configuration, powered by two turbopropeller engines mounted conventionally above the wings driving four bladed propellers.
3. **Equipment:**
- The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the aircraft for certification. The Illustrated Parts Catalogue also contains all equipment approved for installation in the aeroplane.

4. Dimensions:

| | | |
|-----------|---------------------|---------------------|
| Length | 20.42m | 67 ft. 0 in |
| Wingspan | 31.24m | 102 ft. 6 in |
| Height | 7.57m | 24 ft. 10 in |
| Wing Area | 77.01m ² | 829 ft ² |

5. Engines:

Two:

Rolls Royce Dart 7 Mk 532-2S, Mk 535-2, Mk 536-2, or Mk 552-2

Engine Limits:

| | Equivalent Shaft Horse Power (ESHP) | Propeller Shaft Speed (RPM) | Reduction Gearing |
|---------------------------------------|--|------------------------------------|--------------------------|
| Dart 7 Mk 532-2S (see Note) | 2,280 | 15,000 | 0.093:1 |
| Dart 7 Mk 535-2 | 2,280 | 15,000 | 0.093:1 |
| Dart 7 Mk 536-2 (see Note) | 2,280 | 15,000 | 0.093:1 |
| Dart 7 Mk 552-2 | 2,280 | 15,000 | 0.093:1 |

For detailed engine limitations, see AO 1 series Aircraft Flight Manuals.

Note: Rolls Royce Dart Mk 536-2 was formerly known as Rolls Royce Dart Mk 532-2S

6. Auxiliary Power Unit (APU): Rover 25/150A (optional)

7. Propellers:

Dowty Rotol Type CR.201/4-30-4/20 or CR.212/4-30-4/22 or CR.251/4-30-4/49 4 bladed, constant speed propellers.

Propeller Limits:

Continuous ground operation between 8,500 and 9,500 rpm is to be avoided.

All static ground running takeoff rpm must be done with the aircraft facing into the wind ± 60 degrees, when the wind velocity exceeds 15 knots.

For detailed propeller limitations, see AO 1 series Aircraft Flight Manuals.

8. Fluids (Fuel/Oil/Additives):

For details of approved fuels, oils and additives see the AO 1 series Aircraft Flight Manuals.

9. Fluid Capacities:

9.1 Fuel Capacity:

| Fuel Capacity | UK Gal | US Gal | litres | kg | lb |
|----------------------|---------------|---------------|---------------|-----------|-----------|
| Usable | 1,438 | 1,726 | 6,537 | 5,230 | 11530 |
| Unusable | 2 | 3 | 9 | 7 | 15 |
| Total | 1,440 | 1,729 | 6,546 | 5,237 | 11,546 |

Note: Conversion of 0.8 kg/litre. Capacity based on pressure refuelling.

9.2 Oil Capacity:

Each engine and oil tank combined:
15.14 litres
3.33 UK gallons
4 U.S. gallons

10. **Air Speeds:** Refer to AO 1 series Aircraft Flight Manuals
11. **Maximum Operating Altitude:** 25,000
12. **All Weather Capability:** Category 1
13. **Maximum Weights:**

| | Basic Maximum weight (kg) | Basic Maximum weight (lb) |
|---------------------------------|----------------------------------|----------------------------------|
| Take-off | 21,092 | 46,500 |
| Maximum Landing Weight | 19,504 | 43,000 |
| Maximum Zero Fuel Weight | 17,463 | 38,500 |

Variations in aircraft maximum weights are allowed through modification action. This will result in an amendment to the Aircraft Flight Manual.

14. **Centre of Gravity Range:** Refer to AO 1 series Aircraft Flight Manuals
15. **Datum:** Refer to Weight and Balance Manual
16. **Standard Mean Chord (SMC):** 2.509m (98.77 inches)
Note: Leading edge of SMC is 1.096m (43.15 inches) aft of the C.G. datum
17. **Levelling Means:** Refer to Weight and Balance Manual
18. **Minimum Flight Crew:** Two (Pilot and Co-pilot) for all types of flight
19. **Maximum Seating Capacity (including crew):** 57

20. Emergency Exits:

| Location | Type | Size | |
|--|---------|------------|---------|
| | | mm | inches |
| One Passenger Entry Door - Left Side (Rear Cabin) | Type I | 1570 x 760 | 62 x 30 |
| One Service Door - Right Side (Rear Cabin) | Type I | 1240 x 640 | 49 x 25 |
| Two Overwing Emergency Exits - Left & Right Side | Type IV | 660x483 | 26x19 |

Sliding windows on the left and right hand side provide escape routes from the flight deck

21. Baggage/Cargo Compartments:

| Location | Class | Max Allowable Load | |
|-------------------------------|--------------|--------------------|------|
| | | kg | lb |
| Front Right Hand Side - Small | (See Note 1) | 612 | 1350 |
| Front Right Hand Side - Large | (See Note 1) | 835 | 1840 |
| Front Left Hand Side - Small | (See Note 1) | 367 | 810 |
| Front Left Hand Side - Large | (See Note 1) | 558 | 1230 |
| Rear | (See Note 1) | 771 | 1700 |

Note 1: The certification basis of the aircraft pre-dates the introduction of cargo and baggage compartment classifications.

Note 2: Baggage compartment load not to exceed placarded loading limitation, and baggage compartment floor loading not to exceed AFM loading limitation.

22. Wheels and Tyres:

| | |
|------------------------|--|
| Landing Gear: | Hydraulically retractable tricycle Track: 7.54m (24ft 9in) Wheelbase: 6.30m (20ft 8in) |
| Nosegear: | 2 wheels per unit |
| Tyres: | Dunlop DR8628 or DR8628T |
| Maximum Tyre Pressure: | 61psi |
| Main gear: | 2 wheels per unit |
| Tyres: | Dunlop DR10725T or DR10765T or DR10768T |
| Maximum Tyre Pressure: | 98 psi |

IV Operating and Service Instruction

The following publications provide the necessary information to enable the subject aircraft to be operated and maintained satisfactorily:

- | | | |
|-----|--|--------------------------------------|
| 1. | Aircraft Flight Manual: | AO 1.10 (FAA) & AO 1.11 |
| 2. | Manufacturers Operations Manual: | HS 748 Series 2B Crew Manual |
| 3. | Maintenance Schedule: | HS 748 Maintenance Schedule |
| 4. | Manufacturers Maintenance Manual: | HS 748 Maintenance Manual |
| 5. | Structural Repair Manual: | HS 748 Structural Repair Manual |
| 6. | Wiring Diagram Manual: | HS 748 Wiring Manual |
| 7. | Illustrated Parts Catalogue: | HS 748 Illustrated Parts Catalogue |
| 8. | Weight and Balance Manual: | HS 748 Weight and Balance Manual |
| 9. | Master Minimum Equipment List: | HS 748 Master Minimum Equipment List |
| 10. | Manufacturers Service Bulletins approved under the authority of UK CAA Approval DAI/1103/38 or DAI/9386/92 or DAI/1011/55 or JAA JAR 21 Approval CAA.JA.02034 or EASA Part 21 Approval EASA.21J.047. | |

Note: Airworthiness Limitations and Certification Maintenance Requirements are listed in the Manufacturers Maintenance Manual, Chapter 5.

V. Notes

1. Cabin Interior and Seating Configurations must be approved.