

# Hawker 800A

## Specifications and Performance

### Specifications

#### Design Weights

|                          |          |
|--------------------------|----------|
| Max. Ramp Weight         | 27520 lb |
| Max. Takeoff Weight      | 27400 lb |
| Fuel Capacity            | 10000 lb |
| Basic Empty Weight       | 15586 lb |
| Max. Payload             | 11414 lb |
| Max. Payload w/Full Fuel | 1414 lb  |
| Useful Load              | 11814 lb |

#### External Dimensions

|        |         |
|--------|---------|
| Length | 51'2"   |
| Height | 17'5"   |
| Span   | 51'4.5" |

#### Cabin

|                           |       |
|---------------------------|-------|
| Length                    | 21'8" |
| Height                    | 5'9"  |
| Width                     | 6'0"  |
| Seating (Crew + Pax)      | 2 + 9 |
| Main Entrance Door Height | 4'3"  |
| Main Entrance Door Width  | 2'3"  |

#### Baggage Capacity

|                           |          |
|---------------------------|----------|
| Internal Lav/Baggage Area | 39 cu ft |
|                           | 380 lb   |
| Total Capacity            | 39 cu ft |
|                           | 380 lb   |

### Performance

#### Takeoff Field Length

|                    |         |
|--------------------|---------|
| Max to Wt, SL, ISA | 5594 ft |
|--------------------|---------|

#### Landing Distance

|                         |         |
|-------------------------|---------|
| Max Landing Wt, SL, ISA | 2760 ft |
|-------------------------|---------|

**Certified Service Ceiling** 41000 ft

#### Cruise Performance -- High-Speed

|           |            |
|-----------|------------|
| Speed     | 513 mph    |
| Fuel Flow | 1800 lb/hr |
| Altitude  | 35000 ft   |

#### Cruise Performance – Long-Range

|           |            |
|-----------|------------|
| Speed     | 461 mph    |
| Fuel Flow | 1250 lb/hr |
| Altitude  | 39000 ft   |

#### Mission Performance (4 passengers)

##### 300 nm mission

|              |          |
|--------------|----------|
| Flight Time  | 56 min   |
| Trip Fuel    | 1900 lb  |
| Flight Level | 34000 ft |

##### 600 nm mission

|              |          |
|--------------|----------|
| Flight Time  | 1h37min  |
| Trip Fuel    | 3000 lb  |
| Flight Level | 38000 ft |

##### 1,000 nm mission

|              |          |
|--------------|----------|
| Flight time  | 2hr31min |
| Trip Fuel    | 4200 lb  |
| Flight Level | 40000 ft |

