

1981 Merlin IIIB

Serial Number: T-0400

Registration: N400JJ



Asking Price: Please Inquire

Long Range GPS Navigation

Excellent Cosmetics

9,825 TTSN

AVSKY CORPORATION

888-68-AVSKY | office@avskyjets.com | 304 W Venice Ave., Venice FL ste. 208, 34285

Specifications

General

T-0400; N400JJ; AvSKY is proud to present the gorgeous Merlin IIIB. This Merlin is equipped with all the necessary comforts including toilet, climate control, pressurized cabin. It is also equipped with full long range navigation capabilities, weather radar and GPS approach equipment. Please inquire today or pricing!



Airframe

Total Time: 9,825
Total Landings: 9,991
No Damage History



Engines & Props

TSO: 5,516 / 1,931
TBO: 5,400 / 5,000
TSO (Prop): 1,423 / 1,646



Avionics

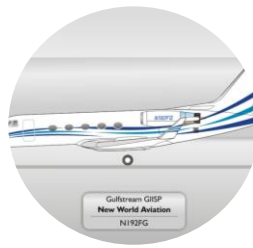
(3) VHF 20 Comms
(2) VHF 30 Navs
(2) Collins ADF 60
(2) Collins TDR 90 Transponders
Single Collins DME 40
Single Collins RMI 30
IDC Encoding Altimeter
(2) Audio Control Units

Collins Compass System
Honeywell KGP560 TAWS(B)
KLN 90B IFR GPS
(2) Baker B1035-CHKQ Audio
Benidix/King RDR 2000 WX Radar
Single Collins ALT 50A RDR
ELT-10
Collins APS-80 Autopilot



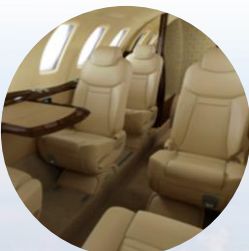
Additional Equipment

Converter for Cabin AC Power
High Flotation Gear
Custom Jepp Holders
Mapco Electric Coffee



Exterior

Overall Gold with
Black Belly and Silver
streaking Decal



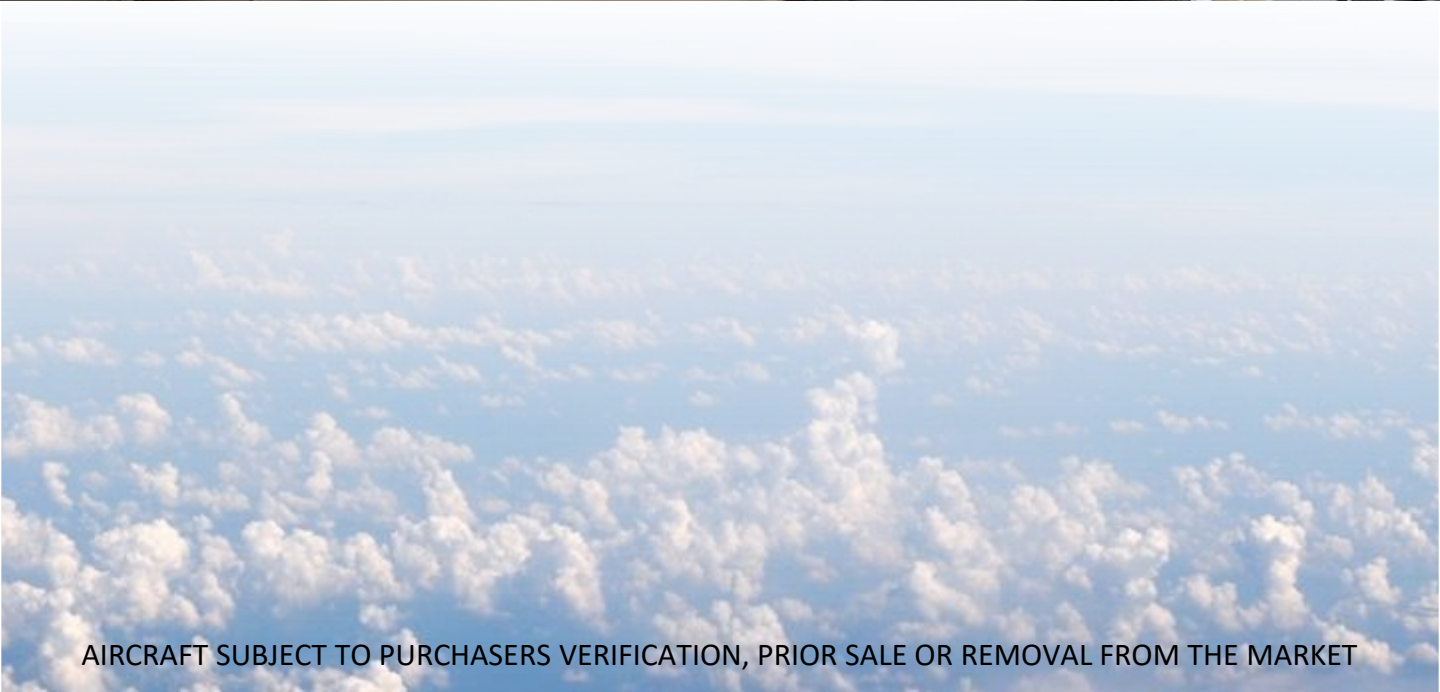
Interior

Two place club seating on the right of cabin. On the left is a four-place couch seating plus two front facing seats. Included is a belted potty seat in the rear of the Aircraft. Vanity and full refreshment center in the rear of aircraft. Interior is done in light beige.

Additional Photographs



Additional Photographs



Additional Photographs



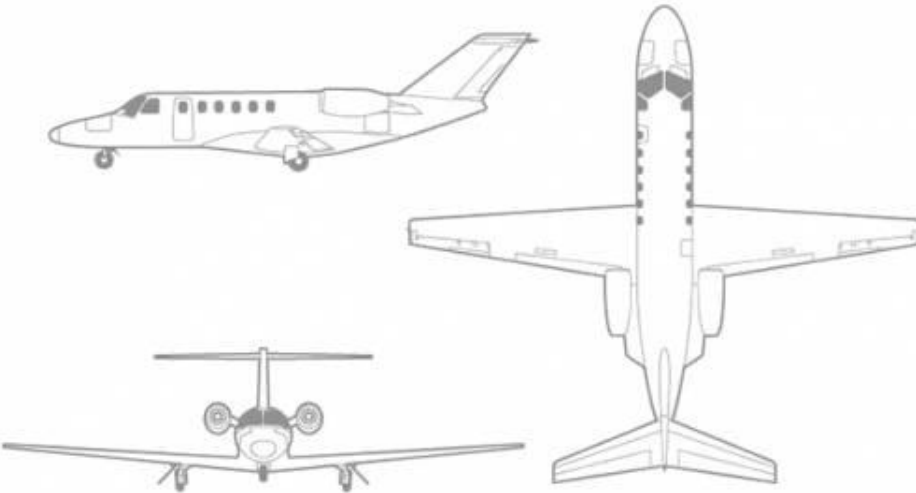
Additional Photographs



Additional Photographs



Characteristics



Physical & Performance Specs

Engine Type: Garrett TPE331
External Length: 42 ft 2 in
External Width: 46 ft 3 in
External Height: 16 ft 10 in
Cabin Length: 25 ft 5 in
Cabin Width: 5 ft 1 in
Cabin Height: 4 ft 10 in
Crew + Passengers: 2+9
Max Takeoff Weight: 16,000 lbs
Balanced Field Length: 4,973 ft
Landing Distance: 2,854 ft
Max/LRC Speed: 309 kts / 208 kts
Fuel Burn per Hour: 70 gph
Useable Fuel: 648 gal
Service Ceiling: 31,400 ft
Range: 1,938 nm

Information provided by Conklin & de Decker

More About the Merlin

The Merlin was an evolution of earlier modification programs performed by Swearingen Aircraft. Ed Swearingen started the developments that led to the Merlin through gradual modifications to the Beechcraft Twin Bonanza and Queen Air business aircraft which he dubbed Excalibur. Then a hybrid aircraft was developed, with a new fuselage and vertical fin, mated to salvaged and modified (wet) Queen Air wings and horizontal tails, and Twin Bonanza landing gear. This was the SA26 Merlin, more-or-less a pressurized Excalibur but fitted with a different model engine, the Lycoming TIGO-540 6-cylinder geared piston engine. The TIGO 540 was used despite the fact that one of the reasons the IO-720 was used in the Excalibur was that the Queen Air series' IGSO-480 and IGSO-540 engines from the same manufacturer were so troublesome. The decision was soon made to offer increased engine power, which was achieved through installing two Pratt & Whitney Canada PT6A-20 turboprop engines, resulting in the SA26-T Merlin IIA. SA226-T(B) Merlin IIIB An update of Merlin IIIA design, changes include TPE331-10U-503G engines driving 4-bladed propellers; systems changes and revised interior and air conditioning.

Courtesy: Wikipedia