

# 2001 GULFSTREAM G100



## AIRFRAME

3293.3 hours  
1801 cycles  
Gulfstream CMP

## ENGINES

Engine 1:  
3216.7 hours / 1769 cycles  
2783.3 hours to overhaul  
Engine 2:  
3271.5 hours / 1792 cycles  
2728.5 hours to overhaul

## APU

1649 hours  
1603 cycles

## MAINTENANCE

C – inspection completed March 2020  
A – inspection due 3542.6 hours  
B – inspection due 3792.6 hours  
C – inspection due 4292.6 hours/March 2024

## ADDITIONAL FEATURES

ADS-B Out compliant, Freeflight System installed by Trimec Aviation, 04/19  
RNAV5 (B-RNAV, RNP5)  
RNAV10 (RNP10)  
RNAV 1 (P-RNAV)  
RNAV 2  
RNP 4  
HLA  
Flight Display Moving Map

## EXTERIOR

2011, Egli GMBH (Germany)  
Silver upper fuselage, blue lower fuselage. Black and Beige accent striping.  
\$18,300 in recent touch-up and exterior paint improvements

## AVIONICS

Collins Proline IV Avionics

- Dual Collins FCC-4005 Autopilot
- Dual Collins VHF-422D w/ 8.33 Spacing
- Dual Collins VHF-432 Navs
- Collins ADF-462
- Dual Collins DME-442
- Dual Collins TDR-94D Mode S Transponder
- Single Collins HF-9000 with Selcal
- Dual Collins RTU-4220
- Collins ALT 55 Radio Altimeter
- Collins TWR 850 Color Weather Radar
- Collins TCAS II with Change 7
- Dual UNS-1C+ FMS
- Universal CVR-30B CVR
- Allied Signal Digital Flight Data Recorder
- Honeywell Mark V EGPWS with Windshear Detection
- Dorne & Margolin 406 ELT
- Universal Solid State Data Transfer Unit

## INTERIOR

Airovation Interior Restyling  
\$6,100 in recent interior cleaning and improvements  
Crew seats recovered 2008  
Passenger seats redyed 2008  
All carpet replaced 2008 (a complete set of new carpet is in storage)  
9 passenger configuration with an executive seat across from a 3-place divan in the forward cabin and a four place club in the aft cabin. A belted lavatory is certified for takeoff and landing. There is a Deluxe Refreshment Center with hot water pots and a warming oven. The moving map system is displayed on a 15" flat panel monitor. Four 110V outlets provide device power throughout the cabin.







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SN: 141 | Reg: N505PL





## BASIC CONFIGURATION

| Fuselage (ft.)              |                     |
|-----------------------------|---------------------|
| Length                      | 55'7"               |
| Height                      | 18'3"               |
| Wingspan                    | 54'7"               |
| Cabin (ft.)                 |                     |
| Length                      | 17'1"               |
| Height                      | 5'7"                |
| Width                       | 4'9"                |
| Typical Configuration       |                     |
| Crew                        | 2                   |
| Passengers                  | 7                   |
| Pressurization (PSI)        | 8.80                |
| Fuel Capacity (lbs & gals)  | 9,365 lbs 1,397 gal |
| Weight (lbs)                |                     |
| Max Ramp                    | 24,800.00           |
| Max Takeoff                 | 24,650.00           |
| Max Landing                 | 20,700.00           |
| Useful Payload w/ Full Fuel | 897.00              |
| Basic Operating             | 14,006.00           |
| Speed (knots)               |                     |
| Normal Cruise TAS           | 447.00              |
| Climb                       |                     |
| Normal (fpm)                | 2,312.00            |
| Ceiling (ft.)               | 45,000.00           |
| Takeoff Performance (ft.)   | 5,850.00            |
| Landing Performance (ft.)   | 3,332.00            |
| 5000' + 20C BFL             | 8,700.00            |
| Range (nm)                  | 2,790.00            |

## ANNUAL FIXED COSTS

|                                    |            |
|------------------------------------|------------|
| Crew Expense                       | 187,200.00 |
| Hangar Cost                        | 40,267.50  |
| Insurance (Hull + Legal Liability) | 16,770.00  |
| Training                           | 48,165.00  |
| Total Fixed Costs                  | 292,402.50 |

\*Costs calculated on US averages; will be different in other world regions

## DIRECT COSTS PER/HR

|                             |          |
|-----------------------------|----------|
| Fuel (at \$5/gal)           | 1,100.00 |
| Burn Rate (Gal/hr)          | 220.00   |
| Maintenance                 | 1,125.00 |
| Airframe                    | 410.00   |
| Engine/APU                  | 715.00   |
| Total Direct Costs          | 2,225.00 |
| MPH (average)               | 515.00   |
| Total Cost Per Statute Mile | 4.32     |

\*Does not include catering, expenses, or pilot fees.

## ANNUAL BUDGET

|                       |              |
|-----------------------|--------------|
| Miles                 | 200,000.00   |
| Hours                 | 388.00       |
| Total Direct Costs    | 863,300.00   |
| Total Fixed Costs     | 292,402.50   |
| Total Cost            | 1,155,702.50 |
| Cost Per Hour         | 2,978.61     |
| Cost Per Statute Mile | 5.78         |



Costs are calculated in U.S. dollars, printed courtesy of Aircraft Cost Calculator.



Years Manufactured: 2001-2005

Serial Numbers: G100-137 - 158

Jet Class: Midsize Jet

Standard Avionics: Collins Pro Line 4

Engine Type: TFE731-40R-200G

TBO: 5,000

Hots: 2,500