



**1990 CHALLENGER 601-3A/ER**  
**N525SD S/N 5056**

## **Specification and Summary**



# 1990 CHALLENGER 601 3A/ER N525SD S/N 5056



**OFFERED AT: \$895,000**

**AIRCRAFT HIGHLIGHTS:**

Unique Opportunity  
Outstanding Paint & Interior  
Extended Range Modification  
Avionics on HAPP  
Fresh 48 Month Inspection

**AVAILABLE:** Immediately

**STATUS:** As of March 22, 2016  
**TOTAL TIME:** 8,141  
**LANDINGS:** 6,612  
**ENGINES:** General Electric CF34

|                                      | <b>#1</b>   | <b>#2</b>       |
|--------------------------------------|---|-----------------|
| <b>Serial Number:</b>                | 350345  | 350350          |
| <b>Total Time Since New:</b>         | 8,021   | 8,042           |
| <b>Cycles Since New:</b>             | 7,494   | 7,508           |
| <b>Last Overhaul (Time/Date):</b>    | 5,379 - 08/2005   | 5,379 - 07/2005 |
| <b>Overhaul Due:</b>                 | 11,379  | 11,379          |
| <b>Last Hot Section (Time/Date):</b> | 5,379 - 08/2005   | 5,379 - 07/2005 |
| <b>Hot Section Due:</b>              | <i>Note: Both engines are due hot section within the next 2 cycles.</i> |                 |

**APU:** Garrett GTCP 36-100 (E)  
**Serial Number:** P-342  
**Time Since New:** 5,808 Hours  
**2400 Hour Inspection:** Last Completed @ 5,021 - 03/2012 Next Due @ 7,421 Hours

**WEIGHT:**

|                            |             |                             |             |
|----------------------------|-------------|-----------------------------|-------------|
| <b>MAX RAMP WEIGHT:</b>    | 45,250 Lbs. | <b>MAX TAKE-OFF WEIGHT:</b> | 45,100 Lbs. |
| <b>MAX LANDING WEIGHT:</b> | 36,000 Lbs. | <b>MAX ZERO FUEL:</b>       | 31,000 Lbs. |

**CAPABILITIES:**

|      |      |             |              |
|------|------|-------------|--------------|
| RVSM | VNAV | FM IMMUNITY | 8.33 SPACING |
|------|------|-------------|--------------|



## AVIONICS & COCKPIT



### **AVIONICS:** Honeywell SPZ-800 five-tube Avionics Suite

**AFIS:** VHF Based AFIS with Graphical Weather

**AIR DATA COMPUTERS:** (2) Honeywell AZ-810 Air Data Computers

**AUTOMATIC DIRECTION FINDER:** Dual Collins ADF-462

**AUTOPILOT / FLIGHT DIRECTOR:** (2) FZ-800 Flight Guidance Computers

**COCKPIT VOICE RECORDER:** L3 Communications FA-2100 CVR

**COMMUNICATIONS:** (2) Collins VHF-22D Transceivers with FM Immunity

**DATA LOADER:** Honeywell DL-900 Data USB Loader

**DISTANCE MEASURING EQUIPMENT:** (2) Collins DME-42 Transceivers

**ELECTRONIC FLIGHT INFORMATION SYSTEM:** Honeywell EDZ-815 5-tube EFIS System

**EMERGENCY LOCATOR TRANSMITTER:** Artex C406-N ELT

**FLIGHT DATA RECORDER:** L3 Communications F800 Digital FDR

**FLIGHT MANAGEMENT SYSTEM:** (2) Honeywell FMZ-2000 FMS with Software Version NZ6.0 with dual CD-820 Control Display Units

**GLOBAL POSITIONING SYSTEM:** (2) HG2021GD02 GPS Sensors

**HIGH FREQUENCY RADIO:** Dual Collins HF-9030/9041 transceivers with SELCAL

**LONG RANGE NAVIGATION:** (3) Honeywell Laseref IRUs

**NAVIGATION:** (2) Collins VIR-32 NAV Receivers

**RADAR ALTIMETER:** Honeywell RT-300 Radio Altimeter System

**SELCAL:** Motorola SELCAL decoder

**TERRAIN AWARENESS AND WARNING SYSTEM:** Allied Signal Mark V EGPWS

**TRAFFIC COLLISION AVOIDANCE SYSTEM:** Honeywell RT-910 (TCAS II with Change 7.0)

**TRANSPONDER:** (2) Collins TDR-94D Mode S Transponders with Enhanced Surveillance

**WEATHER RADAR:** Honeywell Primus WU-880 Weather Radar with dual WC-880 controls

## CABIN ENTERTAINMENT & COMMUNICATIONS

### ENTERTAINMENT

Audio Intl. Cabin Management System  
Honeywell Cabin Single Zone Management Entertainment System (337)  
Dual Baker DVDs with Sound System  
Airshow 400  
(2) 18" Bulkhead Monitors

### COMMUNICATIONS

2-Channel Aircell Axxess II Iridium Satellite Phone System  
(2) Handsets (Cockpit / Executive Seat)



## MAINTENANCE PROGRAMS & INSPECTIONS STATUS



### MAINTENANCE & INSPECTIONS

- CAMP Systems Maintenance Tracking Program
- Avionics enrolled on HAPP (Expires 08/13/2016)
- Chapter 5 MX Program

| <u>INSPECTION</u> | <u>LAST COMPLETED</u> | <u>NEXT DUE</u> |
|-------------------|-----------------------|-----------------|
| 300 Hr            | 02/27/2015 @ 7,953.4  | 8,283.4         |
| 600 Hr            | 05/23/2014 @ 7,771.7  | 8,401.7         |
| 1200 Hr           | 02/27/2015 @ 7,953.4  | 9,183.4         |
| 2400 Hr           | 11/12/2010 @ 6,935.4  | 9,365.4         |
| 12 Month          | 02/22/2016 @ 8,140.5  | 02/2017         |
| 24 Month          | 02/22/2016 @ 8,140.5  | 02/2018         |
| 36 Month          | 02/25/2014 @ 7,732.2  | 03/2017         |
| 48 Month          | 02/22/2016 @ 8,140.5  | 02/2020         |
| 60 Month          | 02/14/2013 @ 7,456.5  | 02/2018         |
| Gear Overhaul     | 05/2008 @ 6,233.1     | 05/2018         |



## INTERIOR Forward Cabin

### INTERIOR DESCRIPTION

*Refurbished in December 2003 at Duncan Aviation – Lincoln, NE*

The twelve passenger executive interior includes a forward galley and aft lavatory. The forward cabin is arranged with four-place club seating and dual fold-out tables. The aft cabin features a left side four-place conference table and right side 4-place divan. The aircraft is also equipped with a jumpseat.



*Forward Cabin looking Aft*

## INTERIOR Forward Cabin



*Right Hand Seat Facing Forward*



*Forward Cabin Looking Forward*



## INTERIOR Aft Cabin



*Aft Cabin Looking Aft*



*Aft Cabin Looking Forward*

## GALLEY & LAVATORY



*Forward Galley looking aft*



*Aft Lavatory*

### **GALLEY DESCRIPTION**

Microwave Oven  
Food Chiller  
Coffee Maker

### **LAVATORY DESCRIPTION**

Spacious Aft Lavatory  
Externally Serviced



## EXTERIOR

### EXTERIOR DESCRIPTION

*Repainted April 2013 at West Star Aviation – Grand Junction, CO*

Overall Matterhorn White with Toreador Red and Las Vegas Metallic Gold Stripes



*This aircraft is being brokered by Guardian Jet, LLC. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as Guardian Jet, LLC makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification upon inspection. Aircraft subject to prior sale.*

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