



**GULFSTREAM GIV-SP PK-TWY  
GENERAL SPECIFICATION SUMMARY  
( AOC No. 135-021 )**

**PK-TWY**

**Date : 1-Mar-16**

**GENERAL DATA**

Model : **Gulfstream GIV-SP**  
 Serial Number : 1381  
 Registration : **PK-TWY**  
 Year Of Manufacture : 1999  
 Aircraft Total Time : 4,261.5 Hours  
 Aircraft Total Cycles : 1,969 Landings  
 Aircraft Condition : Airworthy

**ENGINE : TAY 611-8**

**LEFT**

**RIGHT**

Serial Number	: <b>16887</b>	<b>16888</b>
Time Since New	: 4124.88 Hours	4124.88 Hours
Cycles Since New	: 1,926 Cycles	1,926 Cycles
Time Since Last Shop Visit	: 1,635 Hours	1,635 Hours
Cycles Since Last Shop Visit	: 767 Cycles	767 Cycles
Mid-Life (4000 Hrs) Remaining	: 2,365 Hours	2,365 Hours
(Tay 70-1050)-Calendar Life (10 Yrs)	: 4-Sep-19	4-Sep-19
Overhaul (8000 Hrs) Remaining	: 3875.12 Hours	3875.12 Hours
(Tay 70-1050)-Calendar Life (20 Yrs)	: 4-Jun-19	4-Jun-19
Engine Life Limited Parts Remaining	: 7,424 Cycles	7,424 Cycles
Life Limited Parts (9350 Cyc):	HPC Disc #.12 Cycles	HPC Disc #.12 Cycles

**APU : HONEYWELL GTCP 36-100 (G)**

Part Number : **3800062-9-1**  
 Serial Number : **P-798**  
 Time Since New : 4,560.0 APU Hours  
 Time Since Last Shop Visit : 4,560.0 APU Hours  
 APU Remaining : On Condition

**LANDING GEAR : GOODRICH CORPORATION**

Nose Landing Gear Part Number : **1159L40004-27**  
 Nose Landing Gear Serial Number : **T8887**  
 Cycles Since New : 1,580 Cycles  
 Cycles Since Last Shop Visit : 1,580 Cycles  
 Restore (5000 Cyc) Remaining : 3,420 Cycles  
 Discard (20000 Cyc) Remaining : 18,420 Cycles

Main Landing Gear Position : **LEFT**

**RIGHT**

Main Landing Gear Part Number	: <b>1159L40001-17</b>	<b>1159L40001-18</b>
Main Landing Gear Serial Number	: <b>T8971</b>	<b>T9053</b>
Cycles Since New	: 1,926 Cycles	1,926 Cycles
Cycles Since Last Shop Visit	: 1,926 Cycles	1,926 Cycles
Restore (5000 Cyc) Remaining	: 3,074 Cycles	3,074 Cycles
Discard (20000 Cyc) Remaining	: 18,074 Cycles	18,074 Cycles



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**WEIGHT DATA**

Maximum Take-off Weight	:	33,838 Kg	74,600 lbs
Maximum Landing Weight	:	29,937 Kg	66,000 lbs
Maximum Zero Fuel Weight	:	22,226 Kg	49,000 lbs
Maximum RAMP Weight	:	34,019 Kg	75,000 lbs
Fuel Quantity (Usable)	:	13,381 Kg	29,500 lbs
Basic Operating Weight (ref. Last W & B)	:		44,253 lbs
Empty Weight (ref. Last W & B)	:		42,783 lbs
Basic Weight (ref. Last W & B)	:		43,124 lbs

**DOCUMENT DATA**

Certificate of Registration	:	3-Dec-16
Certificate of Airworthiness	:	28-Dec-16
Certificate of Insurance	:	1-Jul-16
Radio Permit	:	3-May-16
Weight and Balance	:	10-Nov-16

**RNP** Functionality

**INTERIOR**

Configuration :	Passenger Seat (VIP) = 12 Pax	7 Single Seats
		1 - Two Place Divan (Fwd Cabin)
		1 - Three Place Divan (Aft Cabin)

Fwd Galley Equipped:

Microwave, Coffe Maker (Espresso Machine), Convection Oven and a Sink.

Lavatories:

Fwd Crew Lavatory and Aft VIP Lavatory

Refurbishment July 2012

**ENTERTAINMENT SYSTEM**

Airshow Genesys, DVD/CD Player, SATCOM,  
A 21 Baker monitor (Aft cabin credenza), 14.2 Rosen monitor (Fwd, Aft cabin bulkheads)  
5.6 Rosen video stowable monitor (Fwd, mid cabin seat)  
ADS/B Out and Wifi

**EXTERIOR**

Repainting July 2012

**MAINTENANCE SCHEDULE AND STATUS**

The Aircraft has been maintained on the Continuous Airworthiness Maintenance Program (CAMP), as approved by the Directorate of Airworthiness and Aircraft Operation.

Maintenance (MSG3): 1A, 2A, 4A, 5A, 6A, 10A, 1C, 2C, 3C, 4C, 5C, 6C, 8C, 16C, Calendar Life, etc.



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**AVIONICS**

**MAJOR AVIONICS**

<b><u>PART NUMBER</u></b>	<b><u>TYPE / MODEL</u></b>	<b><u>VENDOR</u></b>	
COM: VHF with 8.33 Spacing	822-1115-001	VHF 422-D	Collins
NAV: VIR with FM Immunity	-	VIR 432	Collins
FDS	-	SPZ 8400	Honeywell
A/P	-	FZ 820	Honeywell
ATC Transponder	622-9210-207	TDR 94D	Collins
ADF Receiver	622-7382-101	ADF 462	Collins
DME Transceiver	622-7309-101	DME 442	Collins
DADC	7000700-984	AZ 810	Honeywell
FMS Navigation Computer	7018879-03014	NZ 2000	Honeywell
GPS Navigation Computer	HG2021GD02	GR 550	Honeywell
SATCOM, Satellite Data Unit	7516100-60060	SN: 12184	Matrix Aviation
HF Communication Receiver / Transmitter	822-0102-001	HF 9000 (903A)	Collins
EFIS Displays Unit	4053000-901	DU 880	Honeywell
Primus 880 Radar RTA	7021450-801	Primus 880	Honeywell
SELCAL Decoder	1200008-000	CSD-714	Coltech
TCAS Computer	7517900-55004	TCAS 2000	Honeywell
Radio Altimeter Transceiver / RADALT	7001840-932	RT 300	Honeywell
EGPW Computer	965-0976-003-210-210	-	Sundstrand
EGPWS (with Windshear) - Software	-	Mark V218-218	Honeywell
Inertial Reference Unit / LRNAV	HG1075AE04	-	Honeywell
FDR	S800-2000-00	Lockheed F1000 SSFDR	Fairchild
Flight Data Acquisition Unit	2231230-14-A-1	-	Electro Enterprises
CVR Unit	2100-1020-00	Litton (L3) FA2100	Fairchild
ELT with NAV Interface	453-0421 (SN 665)	406 MGHZ	Artex
Stall Warning Computer	965-0041-036	-	Sundstrand
DDRMI / DBDI	520-3030-009	-	Litton Special
Standby Airspeed Indicator	64010-193-1	-	Aero Mechanism
Audio Panels	990-3333-148	-	Baker Electronics