

Part/Model #: **GIV**  
AC Serial No./Tail No.: [REDACTED]

550 Connole Street - Brunswick, Georgia 31525

Mail Remittance To:  
Gulfstream Aerospace Corporation  
P.O. Box 730349  
Dallas, Texas 75373-0349

Overnight Remittance To:  
Gulfstream Aerospace Corporation (Box # 730349)  
c/o JP Morgan Chase Bank, NA  
ATTN: Dallas National Wholesale Lockbox TX1-0029  
14800 Frye Road  
Ft. Worth, TX 76155

Wire Remittance To:  
Gulfstream Aerospace Corporation  
JP Morgan Chase Bank, NA  
Chicago, IL 60670  
[REDACTED]  
Fedwire Routing No. (ABA) 021 000 021  
S.W.I.F.T. CHASUS33  
ACH Credit Routing No. (ABA)071 000 013



Bill To: **JEGE LLC**  
**C/O GALAXY AVIATION INC**  
**ATTN: LARRY VISOSKI**  
**3800 SOUTHERN BLVD, SUITE 204**  
**WEST PALM BEACH, Florida 33406**  
**United States**

Invoice Number: [REDACTED]  
Invoice Date: **1/19/2017**  
Customer ID: [REDACTED]  
P.O. Number:  
Repair Station: **FAA CRS GR4D216M**  
In Date: **01/13/2017**  
Out Date: **01/21/2017**  
Payment Type: **Net 30-Open terms**  
Payment Terms:

Title: **JEGE LLC**

INVOICE SUMMARY FOR WORK ORDER NUMBER: [REDACTED]

	Time & Materials	Flat Rate	Total
Labor USD:	\$39,016.28	\$0.00	\$39,016.28
Parts USD:	\$34,180.66	\$1,560.65	\$35,741.31
Services USD:	\$0.00	\$1,500.00	\$1,500.00
<b>Detail Subtotal USD:</b>	<b>\$73,196.94</b>	<b>\$3,060.65</b>	<b>\$76,257.59</b>
<b>Subtotal USD:</b>			<b>\$76,257.59</b>
Funds on Deposit USD:			\$0.00
<b>Total USD:</b>			<b>\$76,257.59</b>

**For detail description of the work complied with see the Work Order Detail report.**

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Item: 1 AIRFRAME Gulfstream GIV

Team Manager: Jeff Stahl

Customer Coordinator: James White

Part/Model #: GIV

AC Serial No./Tail No.: [REDACTED]  
TSN/TSO: [REDACTED]  
CSN/CSO: [REDACTED]  
Aircraft Time: [REDACTED]

Discrepancy: 1.1 Return to service

Resolution:

Step: 1.1.1 Open Inspection Labor Only

Discrepancy: 1.2 Comply with Inbound and Outbound Inspections in accordance with Traveler RSQCT-57 Rev. 21

Resolution: Complied with Inbound/Outbound Inspection per RSQCT - 56 Rev. 17

Labor USD: No Charge N/C

Step: 1.2.1 Completed Inbound / Preliminary Inspection  
Step: 1.2.2 Open Outbound Inspection  
Step: 1.2.3 Open SC Maintenance/Hangar / Primary Codes / Touch Labor Only  
Step: 1.2.4 In Progress Inspection Labor Only

Discrepancy: 1.3 Accomplish Preflight Inspection

Resolution:

Step: 1.3.1 Open Insure key has been returned to acct or customer if removed  
Step: 1.3.2 Open SC Maintenance/Hangar / Primary Codes / Touch Labor Only

Discrepancy: 1.4 Tool Clearance

Resolution:

Discrepancy: 1.5 CMP GIV MSG3 010010-Service Center Maintenance Induction Checklist

Resolution: Complied with Service Center Maintenance Induction Checklist.

For detail description of the work complied with see the Work Order Detail report.

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Discrepancy: **1.6** **Advise customer of preservation requirements per chapter 10 of the relevant maintenance manuals for airframe, engines, and APU; review requirements in relation to scheduled outdate and possible extensions of outdate; and perform maintenance or preservation actions as directed by the customer and documented on the work order item list.**

Resolution: **Advised customer of preservation requirements. None requested.**

Discrepancy: **1.7** **Billable Consumables & Shop Supplies (% per published Rate Letter), calculated based on the total labor revenue man-hours invoiced on work order.**

Resolution: **Completed as Required**

	Billing Method	Hours	Rate	Total
Parts USD:	<b>Flat Rate</b>			<b>\$1,560.65</b>
<b>Total USD:</b>				<b>\$1,560.65</b>

Discrepancy: **1.8** **Cover and Protect Aircraft Interior and Exterior as Required**

Resolution: **Completed as Required**

Labor USD:	<b>No Charge</b>			<b>N/ C</b>
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Discrepancy: **1.9** **Service Chemical Toilet / Clean Galley**

Resolution: **Completed as Required**

Labor USD:	<b>No Charge</b>			<b>N/ C</b>
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Discrepancy: **1.10** **Arrival / Departure Assist & Video Aircraft**

Resolution: **Completed as Required**

**For detail description of the work complied with see the Work Order Detail report.**

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Discrepancy: **1.11 Comply with hydraulic fluid contamination checks on the hydraulic cart.**

Resolution: **Completed as Required**

Discrepancy: **1.12 Aircraft Cleaning**

Resolution: **Completed as Required**

Discrepancy: **1.13 FUEL**

Resolution:

<b>Step: 1.13.1</b>	<b>Open</b>	<b>FUEL / DEFUELAS REQUIRED</b>
<b>Step: 1.13.2</b>	<b>Open</b>	<b>TICKET =</b>
		<b>GALLONS FUELED =</b>
		<b>DATE =</b>

Item: **6 AVIONICS**

Team Manager: **Jeff Stahl**

Customer Coordinator: **James White**

Part/Model #: **GIV**

AC Serial No./Tail No.: [REDACTED]

TSN/TSO:

CSN/CSO:

Aircraft Time:

Discrepancy: **6.1 Copilot DBDI erratic. (Shakes)**

**\*\*\*Customer on Happ\*\*\***

Resolution: **Removed and replaced Copilot Standby DDRMI / DBDI**

**P/N 520-3030-003 S/N 11534 with REPAIRED P/N 520-3030-003 S/N 210. Performed operational checks and compass swing with no defects noted. Reference items 11.8, 11.10, and 11.13 for work performed.**

	<u>Billing Method</u>		<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Labor USD:	<b>Time and Material</b>	<b>ST</b>	<b>9.95 @</b>	<b>\$136.00</b>	<b>\$1,353.20</b>
Labor USD:	<b>Time and Material</b>	<b>OT</b>	<b>0.47 @</b>	<b>\$204.00</b>	<b>\$95.88</b>
Parts USD:	<b>Time and Material</b>				<b>\$6,382.00</b>

**For detail description of the work complied with see the Work Order Detail report.**

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

**Total USD:**

**\$7,831.08**

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
6.1 #1	520-3030-003	INDICATOR, BEARING DISTANCE	1	\$6,382.00	\$6,382.00

Step: 6.1.1      Completed      Inspection Labor Only  
 Step: 6.1.2      Completed      AVI / Electrical Labor Only

Discrepancy: 6.2      #2 IRU intermittent fail message.

Note: Customer has already swapped IRU's and FWC's and problem didn't follow. Customer suspects a faulty bus controller.

Resolution: Removed and Replaced Bus Coupler 55A16 P/N 1159SCAV400-1 S/N 5105 with "NEW" P/N 1159SCAV400-1 S/N 031767, and Coupler 55A24 P/N 1159SCAV400-1 S/N 4357 with "NEW" P/N 1159SCAV400-1 S/N 031766. Performed operational checks with no defects noted. Reference 11.14, 11.15, 11.18, and 11.19 for work performed.

See steps for details of work performed.

	Billing Method		Hours		Rate	Total
Labor USD:	Time and Material	ST	20.53	@	\$136.00	\$2,792.08
Labor USD:	Time and Material	OT	0.89	@	\$204.00	\$181.56
Parts USD:	Time and Material					\$1,318.24
<b>Total USD:</b>						<b>\$4,291.88</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
6.2 #3	1159SCAV400-1	COUPLER	2	\$659.12	\$1,318.24

Step: 6.2.1      Completed      Inspection Labor Only  
 Step: 6.2.2      Completed      AVI / Electrical Labor Only  
 Step: 6.2.3      Completed      Trouble shoot IRU system #2 with power on aircraft and radio master on IRU #1 and #2 fails (that's normal) Selected IRU on only the #1 fail message cleared indicating the flight guidance is not seeing IRU data during the power up test. Swapped IRU #2 with IRU #1 still failed swapped IRU back to original locations. Swapped FGC #1 and #2 still failed, swapped FGC back to original locations. More trouble shooting required.  
 Step: 6.2.4      Completed      Swapped NAV computers #1 and #2 still failed swapped NAV computers back to original locations. Removed IRU #2 checking pins, all looks good, reinstalled IRU #2. Started to check FGC and IRU computers by placing the aircraft in maintenance mode checking ASCB data, the aircraft failed to go in to maintenance mode, also noticed aircraft airspeed at 50 knots indicating the aircraft is in the air mode. After speaking with costumer maintenance tech was advised this airspeed at 50 knots in normal for this aircraft, Re-racked both FGC reboot aircraft system now able to go into maintenance test. Access maintenance test checking the FGC on ASCB data buss they checked good.. Checked the IRU. The #1 IRUis on the ASCB data buss. The #2 IRU is not received on ASCB data buss. After 2 hours IRU #2 faults cleared IRU checked good in maintenance test howed on ASCB date buss, I suspect buss coupler 55A16 and 55A24 for IRU #2 bad, place 2 on order.

Discrepancy: 6.3      R/H AFT up-wash light inop.

Resolution: Removed and replaced the aft right hand up-wash light and performed the operational check with no defects noted per the GIV Supplemental Manual 25-20-30.

For detail description of the work complied with see the Work Order Detail report.

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Bill To: [REDACTED]

Invoice Number: [REDACTED]

	Billing Method	Hours	Rate	Total
Labor USD:	Time and Material	ST	3.75 @ \$136.00	\$510.00
Parts USD:	Time and Material			\$80.65
<b>Total USD:</b>				<b>\$590.65</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
6.3 #1	AL-1235-T-1320	LAMP	1	\$80.65	\$80.65

- Step: 6.3.1 Completed Hangar / Primary Codes / Touch Labor Only
- Step: 6.3.2 Completed Inspection Labor Only
- Step: 6.3.3 Completed AVI / Electrical Labor Only

Discrepancy: 6.4 During trouble shooting of the IRS SQWK.. Found the aircraft will not go into maintenance test and airspeed at 50 knots constantly

Resolution: Suspected there was trash in the pitot static lines, Complied with GIV MM 34-01-00 pitot static system drain and purging. We did get some mud bobbars out of the lines but airspeed still at 50 knots, contacted the current customer maintenance group and was told the 50 knots in normal for this aircraft, pulled the FGC CB and re-rack FGC #1 and #2 reset CB aircraft then accessed the maintenance test page. No further action required.

Labor USD: No Charge N/ C

- Step: 6.4.1 Completed Hangar / Primary Codes / Touch Labor Only
- Step: 6.4.2 Completed Inspection Labor Only
- Step: 6.4.3 Completed AVI / Electrical Labor Only
- Step: 6.4.4 Completed PITOT/STATIC RECONCECT CHECK REQUIRED
- Step: 6.4.5 Open Operational test required for FGC1 and 2 removed for troubleshooting.

Item: 7 INTERIOR

Team Manager: Jeff Stahl

Customer Coordinator: James White

Part/Model #: GIV  
 AC Serial No./Tail No.: [REDACTED]  
 TSN/TSO:  
 CSN/CSO:  
 Aircraft Time:

Discrepancy: 7.1 Per customer request comply with the following cleaning / polish items

- 4 club seat leather cleaning. (Fwd four)
- 4 ea "E" window surround polish.
- Polish Left and Right inlet cowlings.
- Polish Left and Right TR's

Resolution: Completed as Requested

	Billing Method	Hours	Rate	Total
Services USD:	Flat Rate			\$1,500.00
<b>Total USD:</b>				<b>\$1,500.00</b>

For detail description of the work complied with see the Work Order Detail report.

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Item: **8**      **MECHANICAL**

Team Manager:    **Jeff Stahl**  
 Customer Coordinator:    **James White**

Part/Model #:    **GIV**  
 AC Serial No./Tail No.: [REDACTED]  
 TSN/TSO:  
 CSN/CSO:  
 Aircraft Time:

Discrepancy: **8.1**      **Repair Left and Right Wheel Wells Corrosion.**

Resolution: **Installed final rivet on lower inboard of Left Hand trailing edge per B/P 1159W40226 and 1159W40504 Rev C. All work performed ref Engineering Disposition: Acceptable alternate fastener with 130 degree head is GAF511AB3-xx. Use in areas inaccessible to install b/p Composilok type fasteners due to installation tool. u304769 MRB 028**  
**Engineering Disposition: Acceptable to trim material from "L" clip for seal reatiner installation to maintain clearance with Sponson plate lug. Maintain minimum 2 X dia edge distance on rivets. Condition due to production variation. Touch up 213, 2012 per GAF14A. u304769 MRB 028**  
**Engineering Disposition: Use HL18-08 HiLok pin with HL70 collar per GAMPS2206 as alternate fastener in horizontal holes and NAS1919MO5 rivets per GAMPS2232 in vertical holes at subject outbd locations for MLG seal retainer structure due to fastener and installation tool availability. Touch up 213, 2012 process code, holes and surfaces, per GAF14A. u304769 MRB 028**

	Billing Method		Hours		Rate	Total
Labor USD:	Time and Material	ST	131.17	@	\$136.00	\$17,839.12
Labor USD:	Time and Material	OT	4.25	@	\$204.00	\$867.00
Labor USD:	Time and Material	ST	4.00	@	\$222.00	\$888.00
Parts USD:	Time and Material					\$4,396.10
<b>Total USD:</b>						<b>\$23,990.22</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
8.1 #1	1159W40226-11B	ANGLE	1	\$614.44	\$614.44
8.1 #2	1159W40226-12B	ANGLE	1	\$284.92	\$284.92
8.1 #3	HLGPL9SP-V05B03	PIN	21	\$8.00	\$168.00
8.1 #4	SLFC-MV05	COLLAR	80	\$5.48	\$438.40
8.1 #5	GAS13AN-1-41	SEAL, BUTTONED STRIP, WHEEL WELL DOOR (5' SECTION)	2	\$113.42	\$226.84
8.1 #8	GAF511AB08-200	BLIND RIVET	60	\$9.27	\$556.20
8.1 #9	HLGPL9SCV05B03	PIN	70	\$6.42	\$449.40
8.1 #10	HLGPL9SP-V06B04	LOCK BOLT	10	\$104.30	\$1,043.00
8.1 #11	NAS1399C5-3	RIVET	16	\$4.33	\$69.28
8.1 #14	GMS5005-II	EPOXY PRIMER COATING, 3012 TYPE II - 1 OZ KIT	1	\$7.64	\$7.64
8.1 #15	GAF511AB08-300	RIVET-BLIND,SELF LOCKING	8	\$22.90	\$183.20
8.1 #16	GAF511AB3-300	BLIND BOLT	10	\$16.64	\$166.40
8.1 #20	PR1440B1-2-654	SEALANT, 6 OUNCE #654 SEMKIT 1/2 HOUR WORK LIFE	1	\$52.56	\$52.56
8.1 #21	GAF511AB08-200	BLIND RIVET	10	\$9.27	\$92.70
8.1 #22	GMS5005-II	EPOXY PRIMER COATING, 3012 TYPE II - 1 OZ KIT	1	\$7.64	\$7.64
8.1 #23	GMS5005-II	EPOXY PRIMER COATING, 3012 TYPE II - 1 OZ KIT	1	\$7.64	\$7.64

For detail description of the work complied with see the Work Order Detail report.

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Bill To: [REDACTED]

[REDACTED] [REDACTED]

Invoice Number: [REDACTED]

Parts:

<u>Ref. No.</u>	<u>Part number:</u>	<u>Description</u>	<u>Quantity</u>	<u>Sell price USD</u>	<u>Extended USD</u>
8.1 #24	NAS1921M05-06	RIVET	4	\$6.96	\$27.84

**For detail description of the work complied with see the Work Order Detail report.**

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Step: 8.1.1	Completed	Hangar / Primary Codes / Touch Labor Only
Step: 8.1.2	Completed	Inspection Labor Only
Step: 8.1.3	Completed	Painted L/H and R/H breather angles per gamps 4000 per customers request
Step: 8.1.4	Completed	Removed corroded LH and RH gear door aft seal support angles 1159W40226-11 and 1159W40226-12.
Step: 8.1.5	Completed	Disassembled LH and RH gear door support angles.
Step: 8.1.6	Completed	Match drilled new LH gear door aft seal support angle p/n 1159W40226-11 per GAMPS 8316.
Step: 8.1.7	Completed	Match drilled new RH gear door aft seal support angle p/n 1159W40226-12 per GAMPS 8316.
Step: 8.1.8	Completed	Assembled LH gear door aft seal support angles p/n 1159W40226-11 and 1159W40226-15 per GAC Drawing 1159W40504 rev C.
Step: 8.1.9	Completed	Assembled RH gear door aft seal support angles p/n 1159W40226-12 and 1159W40226-16 per GAC Drawing 1159W40504 rev C.
Step: 8.1.10	Completed	Request engineering disposition to fill extra hole on angle bracket p/n 1159WH40201-29.
Step: 8.1.11	Completed	Request engineering disposition to use alternate fastner for clearance issues as required. Blueprint fastner p/n GAB512GC. Request to use either Jo-bolt p/n GAF511AB or Hi-tigue p/n GAB510GT.
Step: 8.1.11.1	Completed	Engineering Disposition: Acceptable alternate fastener with 130 degree head is GAF511AB3-xx. Use in areas inaccessible to install b/p Composilok type fasteners due to installation tool. u304769 MRB 028
Step: 8.1.12	Completed	Engineering Disposition for step 8.1.10: Double flush plug extraneous #30 hole in 1159WM40201-29 clip only with "AD" rivet material. Backdrill from adjacent hole and install b/p fastener. Touch up process code 213, 2012 per GAF14A. u304769 MRB 028
Step: 8.1.13	Completed	Recieved ok to install and installed all but four fastners throught R/H brakets P/N 1159W40226-12 and 1159W40226-16 per drawing 1159WH40201 Rev. B.  (Four fastners not installed Marked with streamer and tape).
Step: 8.1.14	Completed	REQUEST ENGINEERING REVIEW USE OF ALTERNATE FASTENERS ON L/H AND R/H FWD LOWER T/E BOX BRACKETS GOING THROUGH THE 1159W40226-11 AND -12 AND THE -13 CLIP (O/B 2 HORZ HOLES). ALTERNATE FASTENERS ARE ALSO NEEDED FOR THE FASTENERS GOING THROUGH THE -11 AND -12 AND THE -17 AND -18 CLIPS (O/B 2 VERT HOLES). REQUESTING USE OF HILOCS FOR THE HORZ HOLES AND BLIND RIVETS FOR THE VERTICAL HOLES DUE TO INTERFERENCE ISSUES.
Step: 8.1.14.1	Completed	Engineering Disposition: Use HL18-08 HiLok pin with HL70 collar per GAMPS2206 as alternate fastener in horizontal holes and NAS1919M05 rivets per GAMPS2232 in vertical holes at subject outbd locations for MLG seal retainer structure due to fastener and installation tool availability. Touch up 213, 2012 process code, holes and surfaces, per GAF14A. u304769 MRB 028
Step: 8.1.15	Completed	REQUEST ENGINEERING REVIEW TRIMMING THE L/H 1159W40226-13 "L" CLIP FOR CLEARANCE FROM SPONSON RIB AFT LUG.
Step: 8.1.15.1	Completed	Engineering Disposition: Acceptable to trim material from "L" clip for seal reatiner installation to maintain clearance with Sponson plate lug. Maintain minimum 2 X dia edge distance on rivets. Condition due to production variation. Touch up 213, 2012 per GAF14A. u304769 MRB 028
Step: 8.1.16	Completed	R/H Wing Lower Trailing Edge Box. Installed QTY 2 HL18-08 HiLoks with HL 70 Collars in the two OTBD most horizontal holes. Installed QTY 2 NAS1919M05 Blind Rivets in the OTBD Vertical holes (FWD of the Composite Panel). All work Completed per Eng. Disposition in step 8.1.14.
Step: 8.1.17	Completed	Install R/H and L/H Aft Gear well Seal.
Step: 8.1.18	Completed	Complied with Engineering Disposition for step 8.1.10: Double flush plug extraneous #30 hole in 1159WM40201-29 clip only with "AD" rivet material. Backdrill from adjacent hole and install b/p fastener. Touch up process code 213, 2012 per GAF14A. u304769 MRB 028
Step: 8.1.19	Completed	Complied with Engineering Disposition for step 8.1.10: Double flush plug extraneous #30 hole in 1159WM40201-29 clip only with "AD" rivet material. Backdrill from adjacent hole and install b/p fastener. Touch up process code 213, 2012 per GAF14A. u304769 MRB 028

For detail description of the work complied with see the Work Order Detail report.

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Step: 8.1.20

Completed

Installed LH gear door aft seal support angles p/n 1159W40226-11 and 1159W40226-15 per GAC Drawing 1159W40504 rev C. Except one rivet inboard lower TE Box. All work performed ref Engineering Disposition: Acceptable alternate fastener with 130 degree head is GAF511AB3-xx. Use in areas inaccessible to install b/p Composilok type fasteners due to installation tool. u304769 MRB 028

Engineering Disposition: Acceptable to trim material from "L" clip for seal retainer installation to maintain clearance with Sponson plate lug. Maintain minimum 2 X dia edge distance on rivets. Condition due to production variation. Touch up 213, 2012 per GAF14A. u304769 MRB 028

Engineering Disposition: Use HL18-08 HiLok pin with HL70 collar per GAMPS2206 as alternate fastener in horizontal holes and NAS1919MO5 rivets per GAMPS2232 in vertical holes at subject outbd locations for MLG seal retainer structure due to fastener and installation tool availability. Touch up 213, 2012 process code, holes and surfaces, per GAF14A. u304769 MRB 028

Step: 8.1.21

Completed

Installed final rivet on lower inboard of Left Hand trailing edge per B/P 1159W40226 and 1159W40504 Rev C. All work performed ref Engineering Disposition: Acceptable alternate fastener with 130 degree head is GAF511AB3-xx. Use in areas inaccessible to install b/p Composilok type fasteners due to installation tool. u304769 MRB 028

Discrepancy: 8.2 Comply with full bleed air system integrity check per acft AMM.

Resolution: Complied with full bleed air system integrity check per GIV AMM 21-00-00, 36-00-00 and 36-13-00. No defects noted.

	Billing Method	Hours	Rate	Total
Labor USD:	Time and Material	ST 70.20	@ \$136.00	\$9,547.20
Labor USD:	Time and Material	OT 4.21	@ \$204.00	\$858.84
Parts USD:	Time and Material			\$81.07
<b>Total USD:</b>				<b>\$10,487.11</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
8.2 #2	S2L226	O-RING SEAL, FLUOROCARBON (VITON) LOW COMPRESSION, 2.00 IN.	4	\$4.17	\$16.68
8.2 #3	S2L226	O-RING SEAL, FLUOROCARBON (VITON) LOW COMPRESSION, 2.00 IN.	4	\$4.17	\$16.68
8.2 #7	GAC835MG20P	CONTACT	10	\$0.78	\$7.80
8.2 #8	GAC115P1	LUBRICANT/SEALANT-SILICONE	1	\$39.91	\$39.91

For detail description of the work complied with see the Work Order Detail report.

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Step: 8.2.1	Completed	Hangar / Primary Codes / Touch Labor Only
Step: 8.2.2	Completed	Inspection Labor Only
Step: 8.2.3	Completed	Performed Air Conditioning operational test per GIV MM 21-00-00.
Step: 8.2.4	Completed	Performed Bleed Air Configuration Annunciation operational test per GIV MM 21-00-00.
Step: 8.2.5	Completed	Performed Bleed Air System - Operational test Per GIV MM 36-00-00.
Step: 8.2.6	Completed	Removed the APU Air Check valve and performed an APU Air Chick Valve - Inspection.
Step: 8.2.7	Completed	Ref. 11.6 for inspections Installed the APU Air check valve per GIV MM 36-13-00.
Step: 8.2.8	Completed	Ref. item 11.7 for Installation. Complied with Temperature Control Valve ( Cockpit ) - Removal/Installation per CMP GIV 216082. Swapped Cockpit and cabin temperature control valves for troubleshooting purposes.
Step: 8.2.9	Completed	Reference item 11.3 for CMP task card  Removed PN: 397122-2-1 Removed SN P-502  Installed PN: 397122-2-1 Installed SN: 1335 Complied with Temperature Control Valve ( Cabin ) - Removal/Installation per CMP GIV 216080. Swapped Cockpit and cabin temperature control valves for troubleshooting purposes.
Step: 8.2.10	Completed	Reference item 11.4 for CMP task card  Removed PN: 397122-2-1 Removed SN: 1335  Installed PN: 397122-2-1 Installed SN: P-502 Complied with Servo Air Pressure Regulator Valve ( Cockpit ) - Removal/Installation per CMP GIV 212055. Swapped Cockpit and Cabin Servo Air Pressure Regulators for troubleshooting purposes.
Step: 8.2.11	Completed	Reference item 11.1 for CMP task card  Removed PN: 3214068-2-1 Removed SN: 1076  Installed PN: 3214068-2-1 Installed SN: 1074 Complied with Servo Air Pressure regulator Valve ( Cabin ) - Removal/Installation per CMP GIV 212056. Swapped Cockpit and Cabin Servo Air Pressure Regulators for troubleshooting purposes.
Step: 8.2.12	Completed	Reference item 11.2 for CMP task card  Removed PN: 3214068-2-1 Removed SN: 1074  Installed PN: 3214068-2-1 Installed SN: 1076 Leak checked the precooler inlets and fan air valves on the pylons.

For detail description of the work complied with see the Work Order Detail report.

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- Step: 8.2.13**      **Completed**      Complied with ACM Bypass Shutoff Valve ( Left ) - Removal/Installation per CMP GIV 212085. Swapped valves for troubleshooting purposes.

Reference item 11.11 for CMP task card

Removed PN: 3289922-2-1  
Removed SN: 326

Installed PN: 3289922-2-1  
Installed SN: 335
- Step: 8.2.14**      **Completed**      Complied with ACM Bypass Shutoff Valve ( Right ) - Removal/Installation per CMP GIV 212086. Swapped valves for troubleshooting purposes.

Reference item 11.12 for CMP task card

Removed PN: 3289922-2-1  
Removed SN: 335

Installed PN: 3289922-2-1  
Installed SN: 326
- Step: 8.2.15**      **Completed**      Complied with resistance cks to cabin anticipator and both temp sensors per GIV AMM 21-01-05 and 21-01-06, all readings ck good. Complied with comparison readings of cockpit and cabin overhead rheostats during wich the cabin was found to be INOp in all auto settings. Replacement overhead control panel on order.  
meter # 567201. Due 05/17
- Step: 8.2.16**      **Completed**      During troubleshooting, cabin and cockpit anticipator were swapped per GIV AMM 21-01-06, need to be re-installed in original locations.
- Step: 8.2.17**      **Completed**      While running A/C system found this A/C has a switch dividing cabin and cockpit temp control panels. Complied with A/C system ops ck per GIV MM 21-00-00. All systems check good with no abnormal sounds or vibrations at fwd seats.

Discrepancy: **8.3**      Left hand wing lower TE box has three oversized holes where angle was removed in item 8-1. Each hole marked with tape.

Resolution: **FILLED DICREPANT HOLES WITH 50/50 MIXTURE OF RESIN AND CHOPPED CARBON FIBER PER ENGINEERING DISPOSITION IN STEP BELOW.**Redrilled and countersunk holes after resin cure. Installed B/P fastners. All work done per engineering disposition in step 8.4.1.1 and drawing 1159WH40201.

	Billing Method		Hours		Rate	Total
Labor USD:	<b>Time and Material</b>	ST	<b>8.00</b>	<b>@</b>	<b>\$136.00</b>	<b>\$1,088.00</b>
<b>Total USD:</b>						<b>\$1,088.00</b>

- Step: 8.3.1**      **Completed**      Request Engineering disposition for repair countersink hole lower left hand TE box
- Step: 8.3.1.1**      **Completed**      Engineering Disposition: Fill c'sk hole with 50/50 mixture of EA956 B/A and chopped carbon fiber cloth. Allow full cure and re-drill for b/p fastener. u304769 MRB 028
- Step: 8.3.2**      **Completed**      Service Engr Labor Only
- Step: 8.3.3**      **Completed**      SC Maintenance/Hangar / Primary Codes / Touch Labor Only
- Step: 8.3.4**      **Completed**      Inspection Labor Only

Discrepancy: **8.4**      Right hand wing lower TE box has three oversized holes where angle was removed in item 8-1. Each hole marked with tape

Resolution: **FILLED DICREPANT HOLES WITH 50/50 MIXTURE OF RESIN AND CHOPPED CARBON FIBER PER ENGINEERING DISPOSITION IN STEP BELOW.**Redrilled and countersunk holes after resin cure. Installed B/P fastners. All work done per engineering disposition in step 8.4.1.1 and drawing 1159WH40201.

For detail description of the work complied with see the Work Order Detail report.

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

	Billing Method		Hours		Rate	Total
Labor USD:	Time and Material	ST	4.95	@	\$136.00	\$673.20
Labor USD:	Time and Material	OT	1.27	@	\$204.00	\$259.08
<b>Total USD:</b>						<b>\$932.28</b>

- Step: 8.4.1 Completed Request Engineering disposition for repair countersink hole lower right hand TE box
- Step: 8.4.1.1 Completed Engineering Disposition: Fill c'sk hole with 50/50 mixture of EA956 B/A and chopped carbon fiber cloth. Allow full cure and re-drill for b/p fastener. u304769 MRB 028
- Step: 8.4.2 Completed Service Engr Labor Only
- Step: 8.4.3 Completed SC Maintenance/Hangar / Primary Codes / Touch Labor Only
- Step: 8.4.4 Completed Inspection Labor Only
- Step: 8.4.5 Completed Redrilled and recountersunk holes after resin cure. Installed B/P fastners. All work done per engineering disposition in step 8.4.1.1 and drawing 1159WH40201.

Discrepancy: 8.5 Left hand and right hand turbine bypass shut off valve requires safety wire on cannon plug.

NO LABOR

Resolution: Safetied left and right hand turbine bypass shut off valve cannon plugs as per GIV AMM 20-70-41.

Discrepancy: 8.6 CUSTOMER REQUESTS TO REMOVE L/H AND R/H WATER SEPERATORS AND INSPECT FOR POSSIBLE PRESSURIZATION ISSUES WITH BLEEDS ON.

Resolution: Removed L/H and R/H water separator as per GIV CMP 217070 and 217071, Ref. 11.24 and 11.25. Performed water separator bag inspection as per GIV AMM 21-01-12 PG. 301.

SEE 8.7 AND 8.8 FOR SQUAWKS

SEE 11.24 AND 11.25 FOR REMOVAL AND REPLACEMENT OF L/H AND R/H WATER SEPERATORS.

	Billing Method		Hours		Rate	Total
Labor USD:	Time and Material	ST	4.00	@	\$136.00	\$544.00
Parts USD:	Time and Material					\$691.78
<b>Total USD:</b>						<b>\$1,235.78</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
8.6 #1	83237-20	SOCK, WATER SEPARATOR, CONDENSER BAG	2	\$327.89	\$655.78
8.6 #3	S2L-232	O-RING SEAL, FLUOROCARBON (VITON) LOW COMPRESSION, 2.75 IN.	4	\$9.00	\$36.00

- Step: 8.6.1 Completed Removed L/H and R/H water separator as per GIV CMP 217070 and 217071, Ref. 11.24 and 11.25. Performed water separator bag inspection as per GIV AMM 21-01-12 PG. 301.

For detail description of the work complied with see the Work Order Detail report.

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Discrepancy: **8.7** Left hand water separator condensor assembly has pitting corrosion of vanes.

**REF 11.24 FOR R&R**

Resolution: **Repair recertify and return to stock**  
**Part 91**

	Billing Method	Hours	Rate	Total
Parts USD:	<b>Time and Material</b>			<b>\$10,630.82</b>
<b>Total USD:</b>				<b>\$10,630.82</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
8.7 #1	2340186-2-3	SEPARATOR, WATER	1	\$10,600.00	\$10,600.00
8.7 #2	S2L345	O-RING SEAL, FLUOROCARBON (VITON) LOW COMPRESSION, 4.00 IN.	2	\$15.41	\$30.82

Discrepancy: **8.8** Right hand water separator condensor assembly has pitting corrosion of vanes.

**REF 11.25 FOR R&R**

Resolution: **Repair, recertify, and return to stock**  
**Part 91**

	Billing Method	Hours	Rate	Total
Parts USD:	<b>Time and Material</b>			<b>\$10,600.00</b>
<b>Total USD:</b>				<b>\$10,600.00</b>

Parts:

Ref. No.	Part number:	Description	Quantity	Sell price USD	Extended USD
8.8 #1	2340186-2-3	SEPARATOR, WATER	1	\$10,600.00	\$10,600.00

Discrepancy: **8.9** During preflight L/H aft pylon light failed to operate.

Resolution:

Item: **9 PAINT**  
Team Manager: **Jeff Stahl**  
Customer Coordinator: **James White**

Part/Model #: **GIV**  
AC Serial No./Tail No.: [REDACTED]  
TSN/TSO:  
CSN/CSO:  
Aircraft Time:

**For detail description of the work complied with see the Work Order Detail report.**

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Discrepancy: 9.1 Blow in L/H and R/H AFT wheel wells where repairs was made

Resolution: Complied with perpping and repainting area behind the L/H and R/H AFT wheel wells where repairs was made. PER GAMPS 4000

	Billing Method	Hours	Rate	Total
Labor USD:	Time and Material	ST 11.17 @	\$136.00	\$1,519.12
<b>Total USD:</b>				<b>\$1,519.12</b>

Step: 9.1.1 Completed SC Paint Labor Only  
 Step: 9.1.2 Completed Complied with prepped, applied and sanded evercoat to contour then masked off L/H and R/H AFT lower wings just AFT of wheel wells per gamps 4000

Item: 10 OUTSTANDING PARTS, MATERIALS AND / OR SERVICES AT DEPARTURE

Team Manager: Jeff Stahl

Part/Model #: GIV

Customer Coordinator: James White

AC Serial No./Tail No.: [REDACTED]

TSN/TSO:

CSN/CSO:

Aircraft Time:

Discrepancy: 10.1 Engineering Labor

Resolution:

Discrepancy: 10.2 Backorder Parts

Resolution:

Services USD: No Charge N/ C

Services:

Ref. No.	Description	Quantity	Sell Price USD	Extended USD
10.2 #1	CLEANING A/C EXTERIOR	1.00	\$0.00	\$0.00
10.2 #2	CLEANING A/C INTERIOR	1.00	\$0.00	\$0.00

Discrepancy: 10.3 Parts to be Returned

Resolution:

Parts USD: No Charge N/ C

Services USD: No Charge N/ C

Parts:

Ref. No.	Part number:	Description	Quantity
10.3 #4	S2L345	O-RING SEAL, FLUOROCARBON (VITON) LOW COMPRESSION, 4.00 IN.	4

For detail description of the work complied with see the Work Order Detail report.

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Services:

Ref. No.	Description	Quantity
10.3 #1	VENDOR SERVICES	1.00

Item: **11 FOLLOW ON CMP / MAINTENANCE TASKS**

Team Manager: **Jeff Stahl**

Customer Coordinator: **James White**

Part/Model #: **GIV**

AC Serial No./Tail No.: [REDACTED]

TSN/TSO:

CSN/CSO:

Aircraft Time:

Discrepancy: **11.1 CMP GIV 212055 VA, Cockpit Servo Air Press Reg**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 212055 VA, Cockpit Servo Air Press Reg**

Discrepancy: **11.2 CMP GIV 212056 VA, Cabin Servo Air Press Reg**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 212056 VA, Cabin Servo Air Press Reg**

Discrepancy: **11.3 CMP GIV 216082 Valve, Cockpit Temperature Control**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 216082 Valve, Cockpit Temperature Control**

Discrepancy: **11.4 CMP GIV 216080 Valve, Cabin Temperature Control**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 216080 Valve, Cabin Temperature Control**

**For detail description of the work complied with see the Work Order Detail report.**

Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

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Discrepancy: **11.5**    **CMP GIV 215005 Air Conditioning System--OPS Test**

**Ref 8.2, 11.1, 11.2, 11.3, & 11.4**

Resolution: **COMPLIED WITH CMP GIV 215005 Air Conditioning System--OPS Test**

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Discrepancy: **11.6**    **CMP GIV 361053 APU Air Check Valve - Removal / Installation**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 361053 APU Air Check Valve - Removal / Installation**

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Discrepancy: **11.7**    **CMP GIV 361056 APU Air Check Valve - Inspection**

**Ref 8.2**

Resolution: **COMPLIED WITH CMP GIV 361056 APU Air Check Valve - Inspection**

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Discrepancy: **11.8**    **CMP GIV 342032 Copilot Standby DDRMI / DBDI - Removal / Installation**

**REF item 6.1**

Resolution: **COMPLIED WITH CMP GIV 342032 Copilot Standby DDRMI / DBDI - Removal / Installation**

**part number off:520-3030-003**

**serial number off:11534**

**part number on:520-3030-003**

**serial number on:1210**

---

Discrepancy: **11.9**    **CMP GIV 342038 Compass Swing No. 2**

**REF item 6.1**

Resolution: **Entered in error. Canned squawk was for 342037 #1 Compass Swing. #2 Compass swing was required by 6.1.**

**For detail description of the work complied with see the Work Order Detail report.**

---

Discrepancy: **11.10** **CMP GIV 342034 Standby DDRMI / DBDI Indicator - Operational Check**

**REF item 6.1**

Resolution: **COMPLIED WITH CMP GIV 342034 Standby DDRMI / DBDI Indicator - Operational Check**

**Tic Box - CN: 567976 Cal Due: 11/17**

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Discrepancy: **11.11** **CMP GIV 212085 Air Cycle Machine Bypass Shutoff Valve (Left) - Removal / Installation**

**Ref. 8.2**

Resolution: **COMPLIED WITH CMP GIV 212085 Air Cycle Machine Bypass Shutoff Valve (Left) - Removal / Installation**

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Discrepancy: **11.12** **CMP GIV 212086 Air Cycle Machine Bypass Shutoff Valve (Right) - Removal / Installation**

**Ref. 8.2**

Resolution: **COMPLIED WITH CMP GIV 212086 Air Cycle Machine Bypass Shutoff Valve (Right) - Removal / Installation**

**Ref. 8.2**

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Discrepancy: **11.13** **CMP GIV 342038 Compass Swing No. 2**

Resolution: **COMPLIED WITH CMP GIV 342038 Compass Swing No. 2**

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Discrepancy: **11.14** **CMP GIV 314116 ASCB DATA COUPLER (55A16)**

**Ref item 6.2**

**For detail description of the work complied with see the Work Order Detail report.**

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Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Resolution: **COMPLIED WITH CMP GIV 314116 ASCB DATA COUPLER (55A16)**

**part number off:1159SCAV400-1**  
**serial number off:5105**  
**part number on:1159SCAV400-1**  
**serial number on:031767**

Parts USD: **No Charge**

**N/ C**

---

Discrepancy: **11.15 CMP GIV 314124 ASCB DATA COUPLER (55A24)**

**Ref item 6.2**

Resolution: **COMPLIED WITH CMP GIV 314124 ASCB DATA COUPLER (55A24)**

**part number off:1159SCAV400-1**  
**serial number off:4357**  
**part number on:1159SCAV400-1**  
**serial number on:031766**

Parts USD: **No Charge**

**N/ C**

---

Discrepancy: **11.16 CMP GIV 342034 Standby DDRMI / DBDI Indicator - Operational Check**

Resolution: **DUPLICATE SQUAWK SEE ITEM 11.10 FOR SQUAWK RESOLUTION**

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Discrepancy: **11.17 CMP GIV 344067 BATTERY PACK, #3 IRU**

Resolution: **Item written in error**

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Discrepancy: **11.18 CMP GIV 344006 Inertial Reference Unit No. 2 - Removal / Installation**

Resolution: **COMPLIED WITH CMP GIV 344006 Inertial Reference Unit No. 2 - Removal / Installation. Reference item 6.2**

**part number off:HG1075AEO3**  
**serial number off:208/AE02**  
**part number on:HG1075AEO3**  
**serial number on:208/AE02**

**For detail description of the work complied with see the Work Order Detail report.**

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Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

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Discrepancy: **11.19** **CMP GIV 344086 Attitude and Heading Reference System / Inertial Reference Unit - Operational Check.  
Reference item**

Resolution: **COMPLIED WITH CMP GIV 344086 Attitude and Heading Reference System / Inertial Reference Unit - Operational  
Check**

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Discrepancy: **11.20** **CMP GIV 216050 Selector, Cabin Temperature Cont Removal/Installation**

**Cabin Overhead Temp Rehostat INOP**

**Ref. 8.2**

Resolution: **COMPLIED WITH CMP GIV 216050 Selector, Cabin Temperature Cont Removal / Installation**

**P/N OFF: 622150-1-1**

**S/N OFF: 068C-0229**

**P/N ON: 622150-1-1**

**S/N ON: 026C-0035**

**Ref. 8.2**

---

Discrepancy: **11.21** **CMP GIV 216050 Selector, Cabin Temperature Cont Removal / Installation**

**Original Part installed**

**Ref. 8.2**

Resolution: **COMPLIED WITH CMP GIV 216050 Selector, Cabin Temperature Cont**

**P/N OFF: 622150-1-1**

**S/N OFF: 026C-0335**

**P/N ON: 622150-1-1**

**S/N ON: 068C-0229**

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Discrepancy: **11.22** **CMP GIV 341076 Pitot / Static System (Pilot) - Reconnect Check**

**For detail description of the work complied with see the Work Order Detail report.**

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Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

Invoice Number: [REDACTED]

Resolution: **COMPLIED WITH CMP GIV 341076 Pitot / Static System (Pilot) - Reconnect Check**

**DPS 5000- 560115 2/17**

**IFR 6000 566411 12/17**

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Discrepancy: **11.23 CMP GIV 341093 Pitot / Static System (Copilot) - Reconnect Check**

Resolution: **COMPLIED WITH CMP GIV 341093 Pitot / Static System (Copilot) - Reconnect Check**

**DPS 5000- 56015**

**CAL DATE 2/17**

**IFR 6000- 566411**

**CAL DATE 12/17**

---

Discrepancy: **11.24 CMP GIV 217070 Water Separator, L**

**Ref. 8.6**

Resolution: **COMPLIED WITH CMP GIV 217070 Water Separator, L**

**P/N off 2340186-2-3**

**S/N off 87-283**

**P/N on 2340186-2-3**

**S/N on 1101**

---

Discrepancy: **11.25 CMP GIV 217071 Water Separator, R**

**Ref. 8.6**

Resolution: **COMPLIED WITH CMP GIV 217071 Water Separator, R**

**P/N off 2340186-2-3**

**S/N off 87-289**

**P/N on 2340186-2-3**

**S/N on 47-845**

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Discrepancy: **11.26 Comply with clearance check of newly installed Lt and Rt T/E box angles. Ref. item 8.1.**

**For detail description of the work complied with see the Work Order Detail report.**

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Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).

Bill To: [REDACTED]

[REDACTED]

Invoice Number: [REDACTED]

Resolution: **Complied with clearance check of newly installed Lt and Rt T/E box angles per GIV AMM 32-00-00, no defects noted.**

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Communications concerning disputed debts, including a check or other instrument tendered as full satisfaction of a debt, must be forwarded to:

Gulfstream Aerospace  
Attn: Credit Manager  
M/S B-05  
PO BOX 2206,  
Savannah, GA 31402

**For detail description of the work complied with see the Work Order Detail report.**

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Unless otherwise indicated, all financial values listed in this document are in US Dollars (USD).