

Services Inc.

N813WT

Bombardier CL-601

S/N: 3016

AFTT: 8408.2

AFTC: 4847

Complied With The Following Timed Airframe Inspection items:

- Complied with 100 Hour Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 300 Hour Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 600 Hour Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 1200 Hour Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 6 Month Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 12 Month Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 60 Month Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Complied with 120 Month Airframe Inspection IAW Challenger 601 M/M 05-20-15
- Comply with CPCP Procedure IAW Challenger 601 TLMC Manuel 05-30-20

Comply With The Following Timed APU Items:

- 49-10-00-201-Combustion Chamber/Fuel Nozzle Inspection
- 49-10-00-207-Combustor/Plenum Drain Valve/Orifice Fittings
- 49-10-10-202-APU Enclosure Visual Check
- 49-10-60-220-Visual Check APU Intake and Exhaust Duct
- 49-30-10-208-APU Fuel Supply Filter Change
- 49-31-02-209-APU Fuel Control Filter Change
- 49-40-00-211-APU Start And Ignition
- 49-42-01-219-APU Starter Motor
- 49-43-02-213-APU Ignitor Plug Change
- 49-90-00-216-Drain APU Oil Tank
- 49-90-01-217-APU Magnetic Drain Plug Visual Check
- 49-90-02-218-APU Oil Filter Change

Comply with the following Due Items:

- 24-22-16-APU Generator Adapter Filter Change
- 24-22-00-APU-Visual V-Band Clamp Inspection
- 24-23-00-001A-ADG Squib Time Check
- 27-40-00-Ops Check HSTA

- 32-10-05-001-L/H MLG Door Fastners
- 32-10-05-002-R/H MLG Door Fastners
- 52-80-00-MLG Door Hinges
- 53-10-00-Visual Check Of Windshield Seal
- 53-30-00-Visual Check Of Eterior LAV Structure
- 56-40-00-Prism Check Side Windows
- 57-30-00-Visual Check Stringers 14 & 15 at W.S.88
- 57-30-00-401A-NDT And Visual Of Wing Axxess
- 57-10-00-Visual Check Of Rear Spar at W.S.-148
- 76-10-01-001A-Functional Check Of Engine Throttle Gearbox
- 76-10-01-002A-Functional Check Of Engine Throttle Gearbox
- SB 601-0563 Riv.1 Pt.C-Special Check Of Elevator Controls
- SB 601-0631 Pt.D- #1 and #2 Flap Hinge Box (Inboard/Outboard)
- SB 72-0230- #1 and #2 Engine Fan Blades
- SB 72-0306 Riv.1- #1 and #2 Engine Fan Rotor
- FAA 1984-13-03 R01-L/H and R/H Flap Vane Support NDT
- FAA 1995-17-14-Functional Check HSTA
- FAA 1997-24-02 R01-Underfloor Bulkhead Inspection
- FAA 2016-21-06 Pt. N-Fastner Replacement Flaps
- FAA 2017-16-01 Pt.G-Visual and Function Check Of ELT
- FAA 2017-18-12-Portable Breathing Equipment
- FAA 2017-19-06-Revise Maintance Program
- FAA 2017-20-11-Fuselage Maintance Program

Parts Removed/Replaced

- Removed/Re-installed Outflow Valve IAW Challenger 601 M/M 21-30-11

<u>Outflow Valve Off</u>	<u>Outflow Valve On</u>
PN:103664-1	PN:103664-1
S/N:43-129	S/N:43-129
- Removed/Re-insalled Safety Valve IAW Challenger 601 M/M 21-30-31

<u>Safety Valve Off</u>	<u>Safety Valve On</u>
PN:103632-2	PN:103632-2
SN:33-124	SN:33-124
- Removed/Re-installed #1 Engine Fire Bottle IAW Challenger 601 M/M 26-23-00

<u>Fire Bottle Off</u>	<u>Fire Bottle On</u>
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PN:899074-1 PN:899074-1
SN:13906EL SN:13906EL

- Removed/Re-installed #2 Engine Fire Bottle IAW Challenger 601 M/M 26-23-00

Fire Bottle Off Fire Bottle On
PN:899486 PN:899486
SN:68088EK SN:68088EK

- Removed/Re-installed APU Fire Bottle IAW Challenger 601 M/M 26-21-00

Fire Bottle Off Fire Bottle On
PN:897889 PN:897889
SN: SN:

- Removed/Re-installed Portable O2 Bottle IAW Challenger 601 M/M 05-20-15

Portable O2 Off Portable O2 On
PN:AE24747 PN:AE24747
SN: UNK SN:N/A

- Removed/Re-installed #1 O2 Bottle IAW Challenger 601 M/M 35-10-11

O2 Bottle Off O2 Bottle On
PN:900-700-035-33 PN:900-700-035-33
SN:K495122 SN:K495122

- Removed/Re-installed #2 O2 Bottle IAW Challenger 601 M/M 35-10-11

O2 Bottle Off O2 Bottle On
PN:900-700-035-33 PN:900-700-035-33
SN:K827336 SN:K827336

- Removed/Re-installed Fwd Emergency Power Supply Battery IAW Challenger 601 M/M 33-50-00

Power Supply Battery Off Power Supply Battery On
PN:60-1321-1 PN:60-1321-1
SN:25486 SN:25486

- Removed/Re-installed AFT Emergency Power Supply Battery IAW Challenger 601 M/M 33-50-00

Power Supply Battery Off Power Supply Battery On
PN:60-1321-1 PN:60-1321-1
SN:24004 SN:24004

- Removed/Re-installed Fwd KC Emergency Power Supply Battery IAW Challenger 601 M/M 33-50-00

Power Supply Battery Off Power Supply Battery On
PN:310-0069 PN:310-0069
SN:051 SN:051

- Removed/Re-installed AFT KC Emergency Power Supply Battery IAW Challenger 601 M/M 33-50-00

<u>Power Supply Battery Off</u>	<u>Power Supply Battery On</u>
PN:310-0069	PN:310-0069
SN:052	SN:052
- Removed/Re-installed Pilots O2 Mask Regulator IAW Challenger 601 M/M 35-10-21

<u>O2 Mask Regulator Off</u>	<u>O2 Mask Regulator On</u>
PN:MC10-13-03	PN:MC10-13-03
SN:57506	SN:57506
- Removed/Re-installed Co-Pilots O2 Mask Regulator IAW Challenger 601 M/M 35-10-21

<u>O2 Mask Regulator Off</u>	<u>O2 Mask Regulator On</u>
PN:MC10-13-03	PN:MC10-13-03
SN:5977	SN:5977
- Removed/Re-Installed #1 Engine "SAM" Panel IAW Challenger 601 M/M 78-30-00

<u>SAM Panel Off</u>	<u>SAM Panel On</u>
PN:228-50200-123	PN:228-50200-123
SN:015	SN:160
- Removed/Re-installed R/H 10th stage Valve IAW Challenger M/M 36-10-11

<u>10th Stage Valve Off</u>	<u>10th Stage Valve On</u>
PN:979998-1	PN:979998-1
SN:P-167	SN:347
- Removed/Re-installed Tail Nav Light Assembly IAW Challenger 601 M/M 33-42-00

<u>NAV Light Assem. Off</u>	<u>NAV Light Assem. On</u>
PN:A2064-14-1683	PN:A2064-14-1683
SN:UNK	SN:PS26093
- Removed/Re-installed #2 TRU Fan IAW Challenger 601 M/M 39-20-11

<u>TRU Fan Off</u>	<u>TRU Fan On</u>
PN:636877-13	PN:636877-13
SN:10292	SN:UFS1036
- Removed-Re-installed APU Generator IAW Challenger 601 M/M 24-22-00

<u>APU Generator Off</u>	<u>APU Generator On</u>
PN:722773C	PN:722773C
SN:268/092S	SN:268/092S
- Removed/Re-installed R/H 14th Stage Valve IAW Challenger 601 M/M 36-10-16

<u>14th Stage Valve Off</u>	<u>14th Stage Valve On</u>
PN:3289590-2	PN:3289590-2

SN:152

SN:259

- Removed/Re-installed #2 Hydraulic System Pressure Switch IAW Challenger 601 M/M 29-11-36

Pressure Switch Off Pressure Switch On

PN:600-59124-3

PN:600-59134-1

SN:0798

SN:1061

- Removed/Re-installed #3 Tire Assembly IAW Challenger 601 M/M 32-41-11

Tire Assembly Off

Tire Assembly On

PN:5009029-1

PN:5009029-1

SN:OCT 89-0132

SN:JAN 89-38

- Removed/Re-installed L/H And R/H PAC Water Socks IAW Challenger 601 M/M 21-70-11

Water Sock Off

Water Sock On

PN:21BC112

PN:21BC112

SN:N/A

SN:N/A

- Removed/Re-installed Bad Thermal Switches on R/H Leading Edge IAW Challenger M/M 30-11-00

Thermal Switch#1 Off

Thermal Switch #1 On

PN:12411-2-450F

PN:12411-2-450F

SN:UNK

SN:9010

- Removed/Re-installed Bad Thermal Switches on R/H Leading Edge IAW Challenger M/M 30-11-00

Thermal Switch#2 Off

Thermal Switch #2 On

PN:12411-2-450F

PN:12411-2-450F

SN:UNK

SN:0643B

- Removed/Re-installed Bad Thermal Switches on R/H Leading Edge IAW Challenger M/M 30-11-00

Thermal Switch#3 Off

Thermal Switch #3 On

PN:12411-2-450F

PN:12411-2-450F

SN:UNK

SN:0643A

- Removed/Re-installed Bad Thermal Switches on R/H Leading Edge IAW Challenger M/M 30-11-00

Thermal Switch#4 Off

Thermal Switch #4 On

PN:12411-2-450F

PN:12411-2-450F

SN:UNK

SN:0843

- Removed/Re-installed Bad Thermal Switches on R/H Leading Edge IAW Challenger M/M 30-11-00

Thermal Switch#5 Off

Thermal Switch #5 On

PN:12411-2-450F

PN:12411-2-450F

SN:UNK

SN:0509

- Removed/Re-installed L/H Engine 2 O'clock Ignitor IAW Challenger 601 M/M 74-11-05
2 O'clock Ignitor Off 2 O'clock Ignitor On
 PN:4048T30P06 PN:4048T30P06
 SN:TDG01059 SN:TDG50342
- Removed/Re-installed L/H Engine 10 O'clock Ignitor IAW Challenger 601 M/M 74-11-05
10 O'clock Ignitor Off 10 O'clock Ignitor On
 PN:4048T30P06 PN:4048T30P06
 SN:TDG25920 SN:TDG50335
- Removed/Re-installed R/H Engine 2 O'clock Ignitor IAW Challenger 601 M/M 74-11-05
2 O'clock Ignitor Off 2 O'clock Ignitor On
 PN:4048T30P06 PN:4048T30P06
 SN:CSP20573 SN:TDG50378
- Removed/Re-installed R/H Engine 10 O'clock Ignitor IAW Challenger 601 M/M 74-11-05
10 O'clock Ignitor Off 10 O'clock Ignitor On
 PN:4048T30P06 PN:4048T30P06
 SN:TDG00927 SN:TDG50373
- Removed/Re-installed APU Ignitor IAW Challenger 601 M/M 49-30-33
APU Ignitor Off APU Ignitor On
 PN:3888366-1 PN:3888366-1
 SN:N/A SN:N/A
- Removed and Replaced L/H MLG Trailing Arm IAW Challenger 601 M/M 32-10-36
Trailing Arm Off Trailing Arm On
 PN:6417-1 PN:6417-1
 SN:UNK SN:DCL639
- Removed/Re-installed R/H Lower Side Stay Pin IAW Challenger 601 M/M 32-30-11
Side Stay Pin Off Side Stay Pin On
 PN:6318-3 PN:6318-3
 SN:UNK SN:08MBM2986
- Removed/Re-installed L/H And R/H MLG Shear Bolts IAW Challenger 601 M/M 32-10-36
Shear Bolt Off Shear Bolt On
 PN:6422-3 PN:6422-3
 SN:UNK SN:MER56468
- Removed/Re-installed L/H Upper Side Stay Pin IAW Challenger 601 M/M 32-30-13
Side Stay Pin Off Side Stay Pin On
 PN:600-102373 PN:600-102373

SN:UNK

SN:0187

- Removed/Re-installed R/H Upper Side Stay Pin IAW Challenger 601 M/M 32-30-13

Side Stay Pin Off

Side Stay Pin On

PN:600-102373

PN:600-102373

SN:UNK

SN:0188

- Removed/Re-installed L/H Engine Oil Filter Bypass Transducer IAW GE M/M SEI580/ 70-00-00

Oil Transducer Off

Oil Transducer On

PN:4060T64P04

PN:4060T64P04

SN:APF78413

SN:APFN0326

- Removed/Re-installed R/H Throttle Cable IAW Challenger M/M 76-10-16

Throttle Cable Off

Throttle Cable On

PN:C81854-3

PN:1603730-005

SN:148

SN:2417

- Removed/Re-installed L/H Throttle Cable IAW Challenger M/M 76-10-16

Throttle Cable Off

Throttle Cable On

PN: 1603730-005

PN:1603730-005

SN:283

SN:2634

- Removed/Re-installed #2 Anti Skid Transducer IAW Challenger M/M 32-17-11

Anti Skid Transducer Off

Anti Skid Transducer On

PN:600-87000-5

PN:600-87000-5

SN:UNK

SN:JAN93-3297

- Removed/Re-installed AFT IRU Cooling Fan Filter IAW Challenger M/M 21-27-11

Filter Off

Filter On

PN:P614091

PN:P614091

SN:UNK

SN:DM5418966

I certify this aircraft has been inspected and/ or repaired in accordance with FAR 91.409 (f) (3) and manufacturer's maintenance manuals. It has been found to be airworthy and is approved for return to service with respect to the work performed. For further details and information reference the work order on file at E. L. Fincher Aviation Services.

Inspected By: **Eddie Fincher**

A&P: 

