

<b>FAA</b>	<b>Challenger 605</b> INITIAL SIM 1
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**AIRPORT DATA:**

	DEPARTURE	ARRIVAL	ALTERNATE
<b>AIRPORT</b>	KJFK	KJFK	KGLA
RUNWAY	31R	13L	4

**NOTAMS**

NIL

**WX - ATIS**

**KJFK:** 310/10 4SM OVC 050 15/05 A30.15  
**KGLA:** 070/10 5SM 13/02 A3015

**AIRCRAFT / TAKE-OFF PERFORMANCE DATA :**

<b>BOW</b>	27500
<b>PAX</b>	
1X200	200
<b>BAGS</b>	100
<b>FUEL</b>	9000
<b>T/O WEIGHT</b>	36800
C OF G	30%

**SIM DETAIL**

PERFORMANCES DATA  
WALKAROUND VIDEO(CAN BE DONE IN DEBRIEFING)  
PREFIGHT NORMAL POWER UP+FMS  
**ENGINE START MALFUNCTION**  
**TAXYING NWS FAIL**  
NORMAL TAKE OFF  
SID  
STEEP TURNS  
**STALLS (3 SET)**  
**TCAS RA**  
**UPSET RECOVERY**  
3D ILS APP MISSED APPROACH  
VISUAL APPROACH AND LANDING  
NORMAL LANDING  
PARKING SHUTDOWN  
**THREAT AND ERROR MANAGEMENT**  
**KNOWLEDGE**  
**COMPETENCY - SKILL - ATTITUDE**

**ATC CLEARANCE:**

CLEARED KJFK KENNEDYXXXX CANARSIE CLIMB CLIMB 5000  
EXPECT 14000 10 MINS AFTER DEPT SQ 2022

**NOTES:**

PARKING: MODERN AVIATION RAMP QA

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL SIM 2	
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**AIRPORT DATA:**

	DEPARTURE	ARRIVAL	ALTERNATE
<b>AIRPORT</b>	KJFK	KJFK	KLGA
RUNWAY	31R	31R	04

**NOTAMS**

NIL

**WX - ATIS**

**KJFK:** 220/15 5SM HZ OVC 008 04/03 A29.72  
**KGLA:** 090/12 5SM 05/02 A29.75

**AIRCRAFT / TAKE-OFF PERFRMANCE DATA :**

<b>BOW</b>	27500
<b>PAX</b>	600
<b>BAGS</b>	200
<b>FUEL</b>	9500
<b>T/O WEIGHT</b>	<b>37800</b>
C OF G	30%

**SIM DETAIL**

**START MALFUNCTION**  
**TAXIING**  
**REJECTED TAKEOFF**  
**CROSS WIND TAKEOFF**  
**NWS FAIL DURING TAKE OFF**  
**ENGINE FAILURE IN FLIGHT/CLIMB**  
**RESTART**  
**HIGH ALTITUDE STALL**  
**DUTCH ROLL, YAW DAMPER**  
**IRS, ADC FAILURES**  
**DISPLAY REVERSION**  
**FUEL SYSTEMS ABNORMALS**  
**PRESSURISATION: EMERGENCY DESCENT**  
**OXYGEN PASSENGERS SYSTEM ACTIVATION**  
**HOLDING**  
**DIVERSION**  
**2D LOC APPROACH AND LANDING X WIND**  
**NWS FAIL DURING LANDING**  
**RNAV GPS APPROACH**  
**REJECTED LANDING**  
**THREAT AND ERROR MANAGEMENT**  
**KNOWLEDGE**  
**COMPETENCY - SKILL - ATTITUDE**

**ATC CLEARANCE:**

CLEARED KJFK KENNEDYxx CANARSIE CLIMB 5000  
 EXPECT 14000 10 MINS AFTER DEPT SQ 2022

**NOTES:**

PARKING: MODERN AVIATION RAMP QA

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL SIM 3	
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Cold weather ops

**AIRPORT DATA:**

	DEPARTURE	ARRIVAL	ALTERNATE
<b>AIRPORT</b>	KSEA	KPDX	KBFI
RUNWAY	34R	28R	32L

**NOTAMS**

NIL

**WX - ATIS**

KSEA 27010KT 4SM SCT040 M05/M09 A2965  
 KPDX 29007KT 6SM SCT010 OVC080 M05/M09 A2965  
 KBFI 29007KT 6SM SCT040 BKN080 M05/M09 A2965

**AIRCRAFT / TAKE-OFF PERFRMANCE DATA :**

<b>BOW</b>	27500
<b>PAX</b>	600
<b>BAGS</b>	200
<b>FUEL</b>	9500
<b>T/O WEIGHT</b>	<b>37800</b>
C OF G	30%

**SIM DETAIL**

START MALFUNCTION  
 TAXING  
 PRE-TAKEOFF CHECKS  
 REJECTED LOW VIS  
**ENGINE FAILURE AFTER V1**  
 Temperature Compensation  
 ATS FAILURE  
 3D ILS SINGLE ENGINE AP OFF  
**SINGLE ENGINE MISSED APPROACH**  
 2D NON PRECISION APP  
**DUAL HYDORLIC MALFUNCTION**  
 ROLL CONTROL DURING DUAL HYRO FAILURE  
**ANTI ICE/DE-ICE**  
**WINDSHEAR**  
**CFIT**  
**JAMMED FLIGHT CONTROLS**  
**FLAP FAIL AND LANDING**  
 3D ILS SINGLE ENGINE LANDING

**ATC CLEARANCE:**

KSEA: MONTN2 EXCEPT MAINTAIN 5000 CLIM VIA SID  
 EXPECT 15000 10 MIN  
 AFTER DEPARTURE SQ 2022

**NOTES:**

PARKING HOLDING POINT 34R

THREAT AND ERROR MANAGEMENT

**KNOWLEDGE**

COMPETENCY - SKILL - ATTITUDE

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL SIM 4	
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**AIRPORT DATA:**

	DEPARTURE	ARRIVAL	ALTERNATE
<b>AIRPORT</b>	<b>KLGA</b>	<b>KJFK</b>	<b>KTEB</b>
RUNWAY	31	04L	01

**NOTAMS**

KJFK      NIL  
KLGA      NIL

**WX - ATIS**

KLGA 22012KT 4SM OVC013 20/19 A2985  
KJFK 04010KT 3SM OVC015 20/19 A2985

**AIRCRAFT / TAKE-OFF PERFRMANCE DATA :**

<b>BOW</b>	27500
<b>PAX</b>	600
<b>BAGS</b>	200
<b>FUEL</b>	10000
<b>T/O WEIGHT</b>	<b>38300</b>
C OF G	28%

**SIM DETAIL**

**TAXIING**  
**REJECTED TAKE OFF**  
**ENGINE FAILURE AFTER V1**  
**HOLD TO / HOLD AT / HOLD PP**  
**LOC 4L C/L 31R PERF LDG**  
**ILS AP/FD OFF ON STB INST**  
**RNAV GPS Y 31R - NO FLAP**  
**NON PRECISION APP OEI**  
**GA PRECISION APP**  
**REJECTED LANDING**  
**SMOKE REMOVAL**  
**PILOT INCAPACITATION**  
**MANUAL GEAR EXTENSION**  
**EMG POWER**  
**EMERGENCY EVACUATION**

**ATC CLEARANCE:**

CLEARED LAGUARDIA# DEPARTURE  
VECTOR EXPECT 14000 10 MINS  
AFTER DEPARTURE SQ2022

**NOTES:**

NO REPORTED DEFECTS

THREAT AND ERROR MANAGEMENT  
**KNOWLEDGE**  
*COMPETENCY - SKILL - ATTITUDE*

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL SIM 5
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**AIRPORT DATA:**

**REVIEW AND RECCOMENDATION**

	DEPARTURE	ARRIVAL	ALTERNATE
<b>AIRPORT</b>	KMEM	KNQA	KMEM
RUNWAY	18C	20	18R

**NOTAMS**

N/A

**WX - ATIS**

KMEM 27015KT 1/4SM R18C/1600FT FG VV001 M00/M01 A2995  
 KNQA 27015KT 3SM BR OVC004 M00/M01 A2995

**AIRCRAFT / TAKE-OFF PERFRMANCE DATA :**

**SIM DETAIL**

<b>BOW</b>	<b>27500</b>
PAX	600
BAGS	0
FUEL	9000
<b>T/O WEIGHT</b>	<b>37100</b>
C OF G	30%

- PERFORMANCE DATA**  
**PREFLIGHT CABIN/EXTERIOR (video) at the debrief**  
**PREFLIGHT FLIGHTDECK FMS ENTRY**  
**START PROCEDURES**  
**LOW VIS TAXI RVR1600**  
**PRE TAKE OFF CHECKS**  
**ENGINE FAILURE INSTRUMENTS TAKE OFF X WIND**  
**REJECTED TAKE OFF**  
**SID**  
**STEEP TURNS**  
**UPRT**  
**APPROACH TO STALL - 3 SCENARIO BASED**  
**HOLDING**  
**ENGINE SHUTDOWN / RESTART**  
**STAR**  
**SELECTED SYSTEMS ABNORMALS**  
**SELECTED SYSTEMS EMERGENCIES**  
**2D LOC 27 CIRCLE 18R +PERFORMANCE LANDING**  
**3D ILS APPROACH OEI AP OFF+MISSED APPROACH AP OFF (With Strong Crosswind)**  
**NON PRECISION MISSED APPROACH**  
**NO FLAPS APPROACH AND LANDING**  
**OEI XWIND LANDING**  
**REJECTED LANDING**  
**PARKING SHUTDOWN**

**ATC CLEARANCE:**

CLEARED BBKNG 7 RNAV DEPARTURE  
 VIA KERMI TRANSITION CLIMB 5000 EXPECT  
 14000 10 MINS AFTER DEPARTURE SQ2022

**NOTES:**

AIRCRAFT POSITION WEST FBO

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL: SIM 6 LOFT LEG 1	
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Welcome:

**AIRPORT DATA:**

DEPARTURE		ARRIVAL ALTERNATE	
<b>AIRPORT</b>	<b>KSEA</b>	<b>KAST</b>	<b>KPDX</b>
RUNWAY	16C	8	10L

**WX - ATIS**

KSEA 20010KT 5SM SCT 035 SCT 050 BKN 130 19/09 A2996  
 KAST 19012KT 2SM OVC050 BKN130 17/05 A2996  
 KPDX 13012KT 3SM OVC030 20/09 A2996

AIRCRAFT / TAKE-OFF PERFRMANCE DATA :			
BOW	27500	REF / SPEEDS	
PAX X 4	600	N1	
		V1	
BAGS	100	VR	
FUEL	9000	V2	
<b>T/O WEIGHT</b>	<b>37200</b>	VFTO	
C OF G	30%		

- PERFORMANCE DATA
- PREFLIGHT
- FMS
- START PROCEDURE
- TAXIING
- PRE-TAKEOFF
- NORMAL TAKE OFF
- SID/STAR
- ILS APPROACH
- LANDING
- PARKING AND SHUTDOWN
- ABNORMALS

**ATC CLEARANCE:**

HAROB# HOQUIAM DCT ILWAC CLIMB 8000  
 SQ2022

B/OFF	
B/ON	
T/TIME	

**PILOT NOTES**

AIRCRAFT AT CARGO RAMP

END FUEL		
START FUEL		
TOTAL USED		

<b>FAA</b>	<b>CHALLENGER 605</b> INITIAL: SIM 6 LOFT LEG 2	
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**AIRPORT DATA:**

DEPARTURE		ARRIVAL ALTERNATE	
<b>AIRPORT</b>	<b>KPDX</b>	<b>KBFI</b>	<b>KSEA</b>
RUNWAY	10L	32L	16C

**WX - ATIS**

KPDX: 13012KT 5SM SCT035 SCT050 BKN130 21/08 A2996  
 KSEA: 12010KT 2SM OVC050 A2996  
 KBFI: 28010KT 2SM OVC015 20/07 A2996

AIRCRAFT / TAKE-OFF PERFRMANCE DATA :			
BOW	27500	REF / SPEEDS	
PAX X 4	600	N1	
		V1	
BAGS	100	VR	
FUEL	9000	V2	
<b>T/O WEIGHT</b>	<b>37200</b>	VFTO	
C OF G	30%		

- PERFORMANCE DATA
- PREFLIGHT
- FMS
- START PROCEDURE
- TAXIING
- PRE-TAKEOFF
- NORMAL TAKE OFF
- SID/STAR
- NON PRECISION APPROACH
- LANDING
- PARKING AND SHUTDOWN
- EMERGENCIES**

**ATC CLEARANCE:**

RNAV SID LAVAA FOR LAVAA# YAKYMA  
 RNAVX RW27

B/OFF	
B/ON	
T/TIME	

**PILOT NOTES**

END FUEL		
START FUEL		
TOTAL USED		