

Est. AATD Time – 1.0 Hour

Objectives

- Calculate aircraft performance to determine compliance with departure procedure.
- Determine route based on aircraft performance and airspace restrictions.
- Determine alternate requirements.
- Obtain clearance from ATC.
- Fly two instrument approach procedures.
- Perform missed approach.
- Perform standard holds.

Briefing

Arrive to briefing with planning completed using weather and information contained in the Pilot Briefing Packet. Assume the aircraft is full fuel and loaded to max gross weight. Everything is operational unless indicated by instructor. The Mission Table can be used as a guide to review regulatory and advisory source material. The briefing will cover your questions that arose during the planning process as well as quizzing by the instructor to ensure a working knowledge of the IFR system.

LOFT

Line-Oriented Flight Training (LOFT) is designed to focus on critical thinking and decision making skills rather than procedures. It is assumed that you can meet Instrument-Airplane PTS though the LOFT can be used to address areas of deficiency.

To maximize the training impact approach the simulator as if you were really conducting your planned flight single-pilot IFR. Complete all checklists, procedures and communications as if you are in the airplane. Minor difference will exist between the simulator and airplane (ie alt static source) so verbalize what you are doing when such instances occur. The instructor will act as ATC throughout the flight so treat him/her as such. He/She will provide any assistance you could expect from ATC, provided you ask.

The simulator will not fly exactly like the airplane. The performance characteristics are very close but the controls will seem more sensitive than the airplane. This is normal and you must scan your instruments at a higher rate than normally required to maintain the desired flight attitude. While sometimes frustrating it forces you to increase your instrument scan proficiency so that flying the airplane seems easy in comparison.

Use the automation as appropriate to reduce cockpit workload and increase situational awareness. If you think using the autopilot is cheating – that couldn't be more untrue. The autopilot may someday save your life but you must understand its capabilities and limitations.

Completion Standards

- Correctly determines the aircraft can comply with departure procedure performance requirements.
- Completes flight plan with appropriate alternate airport.
- Uses ATC assistance to reduce workload and increase situational awareness.
- Fly two approach procedures to instrument PTS standards.
- Executes missed approach procedures
- Correctly executes standard holding pattern

Activity	Task	Reference	Notes
Flight Planning	Preflight Requirements	FAR 91.103, 91.167, AIM 5-1-1	
	NOTAMs	AIM 5-1-3	
	Aircraft Airworthiness	FAR 91.205	
	VOR/GPS Currency	FAR 91.171	
	Route Selection / Flight Plan	AIM 5-1-4	
	Weather Considerations		
	W&B / Performance	POH	
Departure	Instrument Cockpit Check		
	Takeoff Minimums	AIM 5-2-8	
	Obstacle Departure Procedure	AIM 5-2-8	
	Standard Instrument Dept	AIM 5-2-8	
	Runway Selection		
	Departure Clearances	AIM 5-2-1, 5-2-6	
Enroute	MEA, MOCA, OROCA	AIM 4-4-9	
	GPS Direct	AIM 4-4-9	
	IFR Communications	FAR 91.183, 91.187, AIM 5-3-3	
	Descent Planning		
	Standard Terminal Arrivals	AIM 5-4-1	
Approach	Approach Selection	AIM 5-4-4	
	Transition: Vectors / Feeders	AIM 5-4-5	
	ILS	AIM 1-1-9, 5-4-5	
	Localizer	AIM 1-1-9, 5-4-5	
	GPS: LNAV/VNAV/LPV	AIM 1-1-19, 5-1-16	
	VOR	AIM 1-1-3, 5-4-5	
	NDB	AIM 1-1-2, 5-4-5	
	ASR / PAR	AIM 5-4-3, 5-4-11	
	Visual / Contact	AIM 5-4-23 AIM 5-4-25	
	Circling	AIM 5-4-20	
	Visual Descent Point	AIM 5-4-5	
	Transition to VMC	FAR 91.175	
	Missed Approach	AIM 5-4-21	
Holding	Standard / Non-Standard	AIM 5-3-7	
	Fuel Planning		
	Communication Requirements	AIM 4-4-3	
Emergency	Lost Communications	FAR 91.185	
	Vacuum System	POH	
	Pitot-Static System	POH	
	Electrical	POH	
	Instrument	POH	
	AHRS, ADC, Display	POH	
SRM	Task Management		
	Automation Management		
	Aeronautical Decision Making		
	Situational Awareness		
	Controlled Flight into Terrain		

Pilot Briefing Packet

This briefing packet contains a standard DUATS weather briefing for the route/area described for the LOFT. Some information such as NOTAMS are been omitted and can be assumed not applicable for this flight.

***** Departure Closest Terminal Weather *****

METAR KCLS 291855Z AUTO 22006KT 5SM BR BKN016 08/07 A3035 RMK AO2
 METAR KCLS 291915Z AUTO 21007KT 5SM BR OVC018 08/07 A3035 RMK AO2
 METAR KCLS 291935Z AUTO 22007KT 5SM BR BKN017 OVC021 09/07 A3036
 RMK AO2

TAF is not available, refer to the Area Forecast

No Notams available for CLS

***** Destination Closest Terminal Weather *****

METAR KAST 291855Z AUTO 28011KT 2 1/2SM BR BKN009 OVC014 08/07 A3039 RMK AO2 VIS 1 3/4 RWY 08 SLP291
 T00780067
 SPECI KAST 291902Z AUTO 26008KT 3SM BR BKN009 OVC014 08/07 A3039 RMK AO2
 SPECI KAST 291918Z AUTO 27007KT 10SM BKN010 OVC014 08/07 A3040 RMK AO2

TAF KAST 291732Z 2918/3018 27010KT 5SM -SHRA BR SCT009 BKN015
 OVC025
 FM292100 18013KT 6SM -RA SCT025 BKN035
 FM300600 23006KT 3SM -RA BR OVC015

No Notams available for AST

***** Alternate Closest Terminal Weather *****

METAR KHQM 291853Z AUTO 26013KT 6SM BR BKN009 OVC016 08/07 A3034 RMK
 AO2 RAB01E10 SLP278 P0000 T00830072 TSNO
 SPECI KHQM 291909Z AUTO 26012KT 2SM BR OVC007 08/07 A3035 RMK AO2
 TSNO
 SPECI KHQM 291919Z AUTO 26012KT 8SM BKN007 OVC014 08/07 A3036 RMK
 AO2 TSNO

TAF is not available, refer to the Area Forecast

!HQM 01/009 HQM OBST TOWER 696 (288 AGL) 5.9 ESE LGTS OTS (ASR
 1031672) TIL 1302122004
 !HQM 01/007 HQM OBST TOWER 459 (125 AGL) 3.1 E LGTS OTS (ASR 1212669)
 WEF 1301191424-1302031424
 !HQM 01/008 HQM OBST TOWER 450 (215 AGL) 2.0 ENE LGTS OTS (ASR
 1240330) TIL 1302061756

***** FA Hazards and Flight Precautions *****

current report not available

***** FA Synopsis and VFR Clouds/Weather *****

SFOC FA 291145
 SYNOPSIS AND VFR CLDS/WX
 SYNOPSIS VALID UNTIL 300600
 CLDS/WX VALID UNTIL 300000...OTLK VALID 300000-300600
 WA OR CA AND CSTL WTRS

SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.

TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.
NON MSL HGTS DENOTED BY AGL OR CIG.

SYNOPSIS...12Z CDFNT SE BC-NERN WA-SEA-WRN VRISL. HI PRES RDG
CNTRL OR-OFSHR NRN CA. TROF 30S FOT-50W SNS-40W RZS-60SW MZB. 18Z
CDFNT FM LOW PRES NR GEG-EAT-BLI. HI PRES SE OR-OFSHR NRN CA. 00Z
NO SGFNT FNTS. HI PRES OVR AREA. 06Z TROF 30NW RBL-OAK-40W
RZS-MZB. TROF NERN WA-NERN OR. HI PRES RMNDR. ALF...12Z TROF
NCNTRL MT-SE AZ. HI PRES CNTRD NR N35 W135. NLY JTST NERN WA-WRN
AZ. 06Z HI PRES N-S ALG W130. NWLY FLOW ALF.

WA CASCDS WWD
CSTL SXNS...OVC010-015 TOP FL250. VIS 3-5SM -RA BR. 15Z BKN025
TOP 100. 19Z BKN035. OTLK...VFR 04Z MVFR CIG RA.
OLYMPICS...BKN040-050 OVC100 TOP FL250. VIS 3-5SM BR. SCT
-SHRA/-SHSN ABV 030. 19Z BKN040-050 TOP 120. OCNL VIS 3-5SM BR.
WDLY SCT -SHRA/-SHSN ABV 040. OTLK...IFR CIG RA SN BR.
CASCDS...OVC040 TOP FL250. VIS 3SM BR. -RA/-SN ABV 020.
OTLK...IFR CIG RA SN BR.
RMNDR...OVC025 TOP FL250. TIL 16Z OCNL VIS 3-5SM -RA BR. 22Z
BKN030 BKN120 TOP FL250. OTLK...MVFR CIG 04Z SHRA.

WA E OF CASCDS
CNTRL WA...BKN090 TOP 130. OTLK...VFR.
ERN WA
NRN...OVC035 TOP 160. VIS 3-5SM BR. ISOL -SHSN. 15Z BKN035 BKN100
TOP 120. 18Z SCT-BKN CI. OTLK...VFR.
SRN...BKN025 OVC050 TOP 140. VIS 3-5SM BR. ISOL -SHSN. 14Z OVC025
TOP 100. 18Z SCT025 BKN080 TOP 120. OTLK...VFR 05Z MVFR CIG SN.

OR CASCDS WWD
CSTL...OVC010-015 TOP FL250. VIS 3-5SM -RA BR. 15Z OVC010-015 TOP
070. OCNL VIS 3-5SM BR. OTLK...MVFR CIG RA BR.
NW INTR...OVC025 TOP FL250. OCNL VIS 3-5SM BR. OCNL -RA.
OTLK...MVFR CIG RA BR.
SWRN INTR...BKN045 TOP FL200. OCNL VIS 3-5SM BR. WDLY SCT -SHRA.
18Z BKN060 TOP 140. ISOL -SHRA. OTLK...VFR 05Z MVFR BR.
CASCDS...OVC040 TOP FL250. VIS 3SM BR. -RA/-SN ABV 025. TIL 20Z
WND W 25G40KT. OTLK...IFR CIG RA SN BR.

OR E OF CASCDS
CNTRL OR
NRN...SCT060 BKN100 TOP 140. WND W G25KT. 16Z BKN060 TOP 140.
OTLK...VFR.
SRN...BKN090 TOP FL200. 17Z BKN090 TOP 130. 20Z SCT100.
OTLK...VFR.
ERN OR
NRN...BKN080 TOP 160. ISOL -SHSN. WND W G20G35KT. 15Z WND W
G25KT. 21Z OVC060 TOP 120. OTLK...VFR.
SRN...BKN060 TOP FL180. VIS 3-5SM -SN. WND W G25KT. 15Z BKN100.
ISOL -SHSN. WND W G25KT. OTLK...VFR SHSN.

CSTL WTRS
WA/OR...OVC010-020 TOP FL220. OCNL VIS 3-5SM -RA BR. 20Z TOP 160.
OTLK...IFR CIG RA BR.
NRN CA...BKN020 TOP 100. ISOL -SHRA. OTLK...IFR CIG.
CNTRL CA...OVC020 TOP 070. OTLK...MVFR CIG.

LOFT 5 - KCLS TO KAST

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SRN CA
NRSHR...SCT CI. WND NW G25KT. OTLK...VFR.
OFSHR...OVC010-020 TOP 060. OTLK...MVFR CIG.
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***** FA Turbulence *****
current report not available

***** SIGMETs *****
current report not available

***** Convective SIGMET *****
MKCW WST 291855
CONVECTIVE SIGMET...NONE
OUTLOOK VALID 292055-300055
TS ARE NOT EXPD.

***** Center Weather Advisory *****
current report not available

***** AIRMETS *****
SFOS WA 291445
AIRMET SIERRA UPDT 3 FOR IFR AND MTN OBSCN VALID UNTIL 292100
.
AIRMET IFR...WA OR AND CSTL WTRS
FROM 20N TOU TO 40SSE HQM TO 50SW EUG TO 20SW OED TO 60WSW OED
TO 150NW FOT TO 130WNW ONP TO 140W TOU TO 20N TOU
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS ENDG 18-21Z.

.
AIRMET MTN OBSCN...WA OR CA ID MT WY NV UT CO AZ
FROM 60SSW YXH TO 20SE SHR TO 30WSW LAR TO 50SSE OCS TO 20S JNC
TO 50SSE BCE TO 40SW OAL TO 50ENE RBL TO 20SSW FOT TO 70W OED TO
40S HQM TO 20W TOU TO HUH TO 60SSW YXH
MTNS OBSC BY CLDS/PCPN/BR. CONDS CONTG BYD 21Z THRU 03Z.

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SFOT WA 291445
AIRMET TANGO UPDT 3 FOR TURB VALID UNTIL 292100

.
AIRMET TURB...WA OR CA ID NV UT AZ NM AND CSTL WTRS
FROM HUH TO 60SW YXC TO 60SW DVC TO 60NNE TCC TO INK TO ELP TO
50S TUS TO BZA TO 20S MZB TO 40W RZS TO 40SSW FOT TO 70W OED TO
TOU TO HUH
MOD TURB BLW FL180. CONDS CONTG BYD 21Z THRU 03Z.

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SFOZ WA 291445
AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 292100

.
AIRMET ICE...WA OR CA ID MT NV UT AZ AND CSTL WTRS
FROM 40SSE YXC TO 80SSE FCA TO 50SSW LKT TO 40E DBS TO 40ENE SLC
TO 50WSW JNC TO 60ENE TBC TO 30NNW DRK TO 30SW OAL TO 40SSW FMG
TO 40NNW FMG TO 20SSE OED TO 30SW EUG TO TOU TO HUH TO 40SSE YXC
MOD ICE BTN FRZLVL AND FL200. FRZLVL SFC-050. CONDS CONTG BYD 21Z
THRU 03Z.

FRZLVL...RANGING FROM SFC-115 ACRS AREA
 MULT FRZLVL 040-100 BOUNDED BY 100WNW ONP-20WNW ONP-30SSW EUG-
 40N RBL-120W FOT-100WNW ONP
 SFC ALG 30WNW HUH-20NNE YKM-30SE YKM-70SSE OED-40E EHF-20S EED
 040 ALG 40NNE TOU-40SSE SEA-50E PDX-20NNW DSD-40SW DSD
 040 ALG 60NW HEC-HEC-40E HEC-50ESE HEC-20S EED
 080 ALG 100W TOU-90W TOU-80SW TOU-80NW ONP-70WNW ONP-150W ONP
 080 ALG 140WSW FOT-50WSW RBL-40ESE SAC-20WSW CZQ-60SSW CZQ-
 20N RZS-60S TRM

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***** Surface Observations *****
 METAR KOLM 291854Z 25006KT 10SM BKN021 OVC028 09/06 A3031 RMK AO2
 SLP264 T00890056
 METAR KCLS 291855Z AUTO 22006KT 5SM BR BKN016 08/07 A3035 RMK AO2
 METAR KCLS 291915Z AUTO 21007KT 5SM BR OVC018 08/07 A3035 RMK AO2
 METAR KCLS 291935Z AUTO 22007KT 5SM BR BKN017 OVC021 09/07 A3036
 RMK AO2
 no reports available for TDO
 METAR KAST 291855Z AUTO 28011KT 2 1/2SM BR BKN009 OVC014 08/07 A3039
 RMK AO2 VIS 1 3/4 RWY 08 SLP291 T00780067
 SPECI KAST 291902Z AUTO 26008KT 3SM BR BKN009 OVC014 08/07 A3039 RMK
 AO2
 SPECI KAST 291918Z AUTO 27007KT 10SM BKN010 OVC014 08/07 A3040 RMK
 AO2

***** Pilot Reports *****
 current report not available

***** Radar Summaries *****
 PDT 1935 CELL TSWXX 112/3 D3
 AREA 3SW++ 262/64 75/37 61W MT 200 237/60
 AUTO
 ^LK421 MM63 NK1 NM22

ATX 1935 AREA 4SW+ 357/39 172/89 95W MT 200 304/13
 AUTO
 ^LN2 MM12 NL123 OL122 PM11 QM1

RTX 1935 AREA 2SW++ 41/85 165/108 111W MT 180 27/71
 AUTO
 ^LO1 MM3111 NN14 OM11 PL111 PP1 QL11

***** Terminal Forecasts *****
 TAF KOLM 291729Z 2918/3018 24008KT P6SM SCT025 OVC035
 FM292000 21008KT P6SM SCT030 BKN060
 FM300400 20010KT P6SM -RA SCT025 OVC040
 FM300600 20010KT 3SM -RA BR OVC012
 FM301200 20008KT 3SM -RA BR SCT006 OVC012 TEMPO 3012/3016 2SM
 -RA BR OVC006
 TAF KAST 291732Z 2918/3018 27010KT 5SM -SHRA BR SCT009 BKN015
 OVC025
 FM300600 23006KT 3SM -RA BR OVC015

***** FD Winds Aloft Forecast *****
 DATA BASED ON 291200Z

REQUESTED

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VALID 291800Z FOR USE 1400-2100Z. TEMPS NEG ABV 24000 ALTITUDE
FT 3000 6000 9000 12000 18000 24000 30000 34000 39000 4000
AST 3228 3337+00 3446-01 3353-07 3351-19 3448-30 335544 345654 336966 3231+04

DATA BASED ON 291200Z REQUESTED
VALID 300000Z FOR USE 2100-0600Z. TEMPS NEG ABV 24000 ALTITUDE
FT 3000 6000 9000 12000 18000 24000 30000 34000 39000 4000
AST 3015 3023+01 3130-01 3237-07 3247-18 3240-30 325244 325353 326466 3017+05

***** NOTAMs *****

***** Runway NOTAMs *****

***** Aerodrome NOTAMs *****

!SEA 09/309 8W9 AD CLSD EXC PPR 360-747-7079
!MMV 01/085 56S AD CLSD WEF 1301291600-1302010100

***** Obstruction NOTAMs *****

!SEA 01/188 8W9 OBST WIND TURBINE 2276 (263 AGL) 12.08 WSW LGTS OTS
(ASR UNKN) WEF 1301230608-1302070608
!SEA 01/244 2S9 OBST TOWER 678 (258 AGL) 12.1 SE LGTS OTS (ASR
1064559) WEF 1301282253-1302122253

***** Navigation NOTAMs *****

!GPS 01/086 ZSE NAV GPS IS UNRELIABLE AND MAY BE UNAVAILABLE WITHIN A
RADIUS OF 374NM AND CENTERED AT N373036W1163257 OR THE LOCATION ALSO
KNOWN AS THE BEATTY, NV VOR (BTY) 013 RADIAL AT 44NM AT FL400 AND
ABOVE; DECREASING IN AREA WITH A DECREASE IN ALTITUDE TO A RADIUS OF
314NM AT FL250; A RADIUS OF 243NM AT 10,000FT MSL; A RADIUS OF 213NM
AT 4,000FT AGL; AND A RADIUS OF 171NM AT 50FT AGL
WEF 1301300300-1301300600

***** Communication NOTAMs *****

***** Airspace NOTAMs *****

!SUAW 01/808 ZSE AIRSPACE W237A HIGH ACT FL230-FL280 WEF
1301292230-1301292330
!SUAW 01/807 ZSE AIRSPACE W237A LOW ACT SFC-FL180 WEF
1301291600-1301292100
!SUAW 01/805 ZSE AIRSPACE W237A LOW ACT SFC-FL229 WEF
1301292230-1301292330
!SUAW 01/804 ZSE AIRSPACE W237A LOW ACT SFC-10000FT WEF
1301300000-1301300330
!SUAW 01/801 ZSE AIRSPACE W237C ACT SFC-FL260 WEF
1301292200-1301300030
!SUAW 01/800 ZSE AIRSPACE W237B HIGH ACT FL230-FL280 WEF
1301292230-1301292330
!SUAW 01/799 ZSE AIRSPACE W237B LOW ACT SFC-FL229 WEF
1301292230-1301292330
!SUAW 01/796 ZSE AIRSPACE W237F ACT SFC-FL230 WEF
1301291700-1301292200
!SUAW 01/752 ZSE AIRSPACE W570 ACT SFC-FL500 WEF
1301292100-1301292330
!SUAW 01/882 ZSE AIRSPACE W570 ACT 3000FT AGL-FL300 WEF
1301301600-1301301800
!SUAW 01/463 ZSE AIRSPACE R6714B ACT SFC-15000FT WEF
1301250939-1302212359

!SUAW 01/462 ZSE AIRSPACE R6714G ACT SFC-15000FT WEF
1301250939-1302212359
!SUAW 01/461 ZSE AIRSPACE R6714F ACT SFC-15000FT WEF
1301250939-1302212359
!SUAW 01/460 ZSE AIRSPACE R6714C ACT SFC-15000FT WEF
1301250937-1302212359
!SUAW 01/885 ZSE AIRSPACE OKANOGAN C MOA ACT 300FT AGL-8999FT WEF
1301292300-1301300145
!SUAW 01/806 ZSE AIRSPACE W237B LOW ACT SFC-FL180 WEF
1301291600-1301292100
!SUAW 01/795 ZSE AIRSPACE W237G ACT SFC-FL230 WEF
1301291700-1301292200
!SUAW 01/895 ZSE AIRSPACE JUNIPER NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301300130-1301300330
!SUAW 01/892 ZSE AIRSPACE W570 ACT 3000FT AGL-FL500 WEF
1301301800-1301302130
!SUAW 01/860 ZSE AIRSPACE AR337 ACT FL210-FL230 WEF
1301291835-1301292035
!SEA 01/236 ZSE AIRSPACE LGTS OUT/NVG TRAINING IN EEL ATCAA
FL180-FL270 AVOIDANCE ADVISED 0100-0400 DLY WEF 1301300100-1302010400
!SEA 01/230 ZSE AIRSPACE LGTS OUT/NVG TRAINING HART NORTH/SOUTH
MOA/ATCAA 11000-FL510 AVOIDANCE ADVISED 0100-0400 DLY WEF
1301290100-1302010400
!SEA 01/229 ZSE AIRSPACE LGTS OUT/NVG TRAINING JUNIPER LOW MOA
300 AGL-10999 AVOIDANCE ADVISED 0100-0400 DLY WEF
1301290100-1302010400
!SEA 01/228 ZSE AIRSPACE LGTS OUT/NVG TRAINING JUNIPER SOUTH
MOA/ATCAA 11000-FL510 AVOIDANCE ADVISED 0100-0400 DLY WEF
1301290100-1302010400
!SEA 01/227 ZSE AIRSPACE LGTS OUT/NVG TRAINING JUNIPER NORTH
MOA/ATCAA 11000-FL270 AVOIDANCE ADVISED 0100-0400 DLY WEF
1301290100-1302010400
!SEA 01/213 ZSE AIRSPACE LGTS OUT/NVG TRAINING IN EEL ATCAA
FL180-FL270 AVOIDANCE ADVISED 0300-0500 DLY
WEF 1301280100-1301310400
!SEA 12/033 ZSE AIRSPACE UNMANNED ACFT 5 NMR 1S8 4400/BLW VFR DALGT
AVOIDANCE ADZD TIL 1410240016
!SUAW 01/898 ZSE AIRSPACE HART SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301300130-1301300330
!SUAW 01/798 ZSE AIRSPACE W237D ACT SFC-FL180 WEF
1301291900-1301300245
!SUAW 01/877 ZSE AIRSPACE JUNIPER SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292100-1301292359
!SUAW 01/899 ZSE AIRSPACE HART NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301300130-1301300330
!SUAW 01/802 ZSE AIRSPACE W237C ACT SFC-FL230 WEF
1301291700-1301292200
!SUAW 01/831 ZSE AIRSPACE OLYMPIC B MOA ACT 6000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291600-1301300200
!SUAW 01/897 ZSE AIRSPACE JUNIPER LOW MOA ACT 300FT AGL-10999FT WEF
1301300130-1301300330
!SUAW 01/803 ZSE AIRSPACE W237E ACT SFC-FL230 WEF
1301291700-1301292200
!SUAW 01/878 ZSE AIRSPACE HART SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292100-1301292359
!SUAW 01/832 ZSE AIRSPACE OLYMPIC A MOA ACT 6000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291600-1301300200

!SUAW 01/788 ZSE AIRSPACE W570 ACT SFC-FL500 WEF
1301300100-1301300400
!SUAW 01/896 ZSE AIRSPACE JUNIPER SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301300130-1301300330
!SUAW 01/850 ZSE AIRSPACE JUNIPER NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291700-1301292100
!SUAW 01/851 ZSE AIRSPACE JUNIPER SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291700-1301292100
!SUAW 01/852 ZSE AIRSPACE JUNIPER LOW MOA ACT 300FT AGL-10999FT WEF
1301291700-1301292100
!SUAW 01/853 ZSE AIRSPACE HART SOUTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291700-1301292100
!SUAW 01/854 ZSE AIRSPACE HART NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301291700-1301292100
!SUAW 01/858 ZSE AIRSPACE R6714A ACT SFC-FL180 WEF
1301291202-1302212359
!SUAW 01/865 ZSE AIRSPACE ROOSEVELT B MOA ACT 300FT AGL-8999FT WEF
1301292000-1301300315
!SUAW 01/866 ZSE AIRSPACE ROOSEVELT A MOA ACT 9000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292000-1301300315
!SUAW 01/884 ZSE AIRSPACE OKANOGAN B MOA ACT 300FT AGL-8999FT WEF
1301292300-1301300145
!SUAW 01/887 ZSE AIRSPACE OKANOGAN A MOA ACT 9000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292300-1301300145
!SUAW 01/879 ZSE AIRSPACE JUNIPER LOW MOA ACT 300FT AGL-10999FT WEF
1301292100-1301292359
!SUAW 01/880 ZSE AIRSPACE JUNIPER NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292100-1301292359
!SUAW 01/881 ZSE AIRSPACE HART NORTH MOA ACT 11000FT UP TO BUT NOT
INCLUDING FL180 WEF 1301292100-1301292359

***** Taxiway NOTAMS *****

***** Ramp/Apron NOTAMS *****

***** Service NOTAMS *****

!SEA 01/237 ZSE SVC MAKAH SECONDARY SURVEILLANCE RADAR OTS WEF
1301301900-1301302300

***** Unverified Aeronautic Information NOTAMS *****

***** Other NOTAMS *****

***** NOTAMS without keywords *****

***** FDC NOTAMS *****

!FDC 2/7126 ZSE WA.. FI/T ROUTE ZSE.
V4 SEATTLE (SEA) VORTAC, WA TO HUMPP, WA MEA 10000 MOCA 6200.

!FDC 2/5341 ZSE WA.. FI/T ROUTE ZSE.
V536 PENDLETON (PDT) VORTAC, OR TO WALLA WALLA (ALW) VOR/DME, WA
MEA 4300.

!FDC 2/4263 ZSE FI/T ROUTE ZLC ZSE.
V448 CLASS, ID TO OLIBY, MT 13000 MEA.

!FDC 2/4261 ZSE FI/T ROUTE ZLC ZSE.

LOFT 5 – KCLS TO KAST

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V448 KILLY, MT TO KALISPELL (FCA) VOR/DME, MT GNSS MEA 8600, MOCA 8600.

!FDC 2/0462 ZSE WA.. FI/T ROUTE ZSE.

V2-V298 SEATTLE (SEA) VORTAC, WA EASTBOUND TO VAMPS INT, WA MEA 8400. VAMPS INT, WA TO BEEZR INT, WA MEA 8400.

!FDC 2/1558 OLM FI/T IAP OLYMPIA RGNL, OLYMPIA, WA.

ILS OR LOC RWY 17, AMDT 11...
DISREGARD TCM R-230 AT HAVOR OM/INT/OLM 5.1/RADAR.

!FDC 2/7239 AST FI/T IAP ASTORIA RGNL, ASTORIA, OR.

COPTER VOR/DME OR GPS 066, AMDT 1...
H-066 MDA 500/HAS 485. TDZE 14.

!FDC 2/7238 AST FI/T IAP ASTORIA RGNL, ASTORIA, OR.

COPTER LOC/DME 257, AMDT 1...
H-257 MDA 380/HAS 366. TDZE 14. APT ELEV 15.

!FDC 2/7236 AST FI/T IAP ASTORIA RGNL, ASTORIA, OR.

ILS RWY 26, AMDT 2C...
S-ILS 26 DA 292/HAT 278. TDZE 14. APT ELEV 15.

***** Alternate HQM *****

***** FA Hazards and Flight Precautions *****
current report not available

***** FA Synopsis and VFR Clouds/Weather *****
SFOC FA 291145
SYNOPSIS AND VFR CLDS/WX
SYNOPSIS VALID UNTIL 300600
CLDS/WX VALID UNTIL 300000...OTLK VALID 300000-300600
WA OR CA AND CSTL WTRS

.
SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.
TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.
NON MSL HGTS DENOTED BY AGL OR CIG.

.
SYNOPSIS...12Z CDFNT SE BC-NERN WA-SEA-WRN VRISL. HI PRES RDG
CNTRL OR-OFSHR NRN CA. TROF 30S FOT-50W SNS-40W RZS-60SW MZB. 18Z
CDFNT FM LOW PRES NR GEG-EAT-BLI. HI PRES SE OR-OFSHR NRN CA. 00Z
NO SGFNT FNTS. HI PRES OVR AREA. 06Z TROF 30NW RBL-OAK-40W
RZS-MZB. TROF NERN WA-NERN OR. HI PRES RMNDR. ALF...12Z TROF
NCNTRL MT-SE AZ. HI PRES CNTRD NR N35 W135. NLY JTST NERN WA-WRN
AZ. 06Z HI PRES N-S ALG W130. NWLY FLOW ALF.

***** FA Turbulence *****
current report not available

***** SIGMETs *****
current report not available

***** Convective SIGMET *****
current report not available

LOFT 5 - KCLS TO KAST

STUDENT GUIDE

***** Center Weather Advisory *****
current report not available

***** AIRMETS *****
current report not available

***** Surface Observations *****
METAR KHQM 291853Z AUTO 26013KT 6SM BR BKN009 OVC016 08/07 A3034 RMK
AO2 RAB01E10 SLP278 P0000 T00830072 TSNO
SPECI KHQM 291909Z AUTO 26012KT 2SM BR OVC007 08/07 A3035 RMK AO2
TSNO
SPECI KHQM 291919Z AUTO 26012KT 8SM BKN007 OVC014 08/07 A3036 RMK
AO2 TSNO

***** Terminal Forecast *****
TAF KHQM 291729Z 2918/3018 23013KT P6SM SCT008 BKN013 OVC025
FM292100 23010KT P6SM SCT015 BKN040
FM300400 21010KT P6SM -RA BKN015 OVC025
FM300600 19006KT 4SM -RA BKN006 OVC012

***** NOTAMS *****

!HQM 01/009 HQM OBST TOWER 696 (288 AGL) 5.9 ESE LGTS OTS (ASR
1031672) TIL 1302122004
!HQM 01/007 HQM OBST TOWER 459 (125 AGL) 3.1 E LGTS OTS (ASR 1212669)
WEF 1301191424-1302031424
!HQM 01/008 HQM OBST TOWER 450 (215 AGL) 2.0 ENE LGTS OTS (ASR
1240330) TIL 1302061756