

ANC23FA008

OPERATIONAL FACTORS/HUMAN PERFORMANCE

Attachment 9

Accident Flight Preflight Planning and Weather Briefing

November 11, 2023

ETE 0h21m	Distance 69NM	Avg Wind 2kt head (114°/001)	ETD 20:55 HST / 0655Z	ETA 21:16 HST / 0716Z	TOW 8070 lbs	ELW 7874 lbs
Block Fuel 661 lbs	Taxi Fuel 60 lbs	Flight Fuel 256 lbs	Reserve Fuel 405 lbs	Alternate Fuel 0 lbs	Extra Fuel 0 lbs	Landing Fuel 405 lbs

Route
DCT

RAIM (5° Mask, With Baro-aid)
✗ RAIM prediction unavailable for ETD

WAYPOINT	AIRWAY	MAG			WIND			SPD KT		DIST NM		FUEL LB		ACT	TIME			ACT
		HDG	CRS	ALT	CMP	DIR/SPD	ISA	TAS	GS	LEG	REM	USED	REM		LEG	REM	ETE	
PHOG		-	-	55	-	-	+7	0	0	-	69	60	601		-	0:21	-	
-TOC-	DCT	130	132	11000	H3	093/005	+9	140	137	17	52	133	528		0:08	0:13	0:08	
-TOD-	DCT	132	132	11000	H1	114/001	+13	230	229	31	21	201	460		0:08	0:05	0:16	
PHMU	DCT	131	132	2671	H4	102/005	+10	230	226	21	-	256	405		0:05	-	0:21	

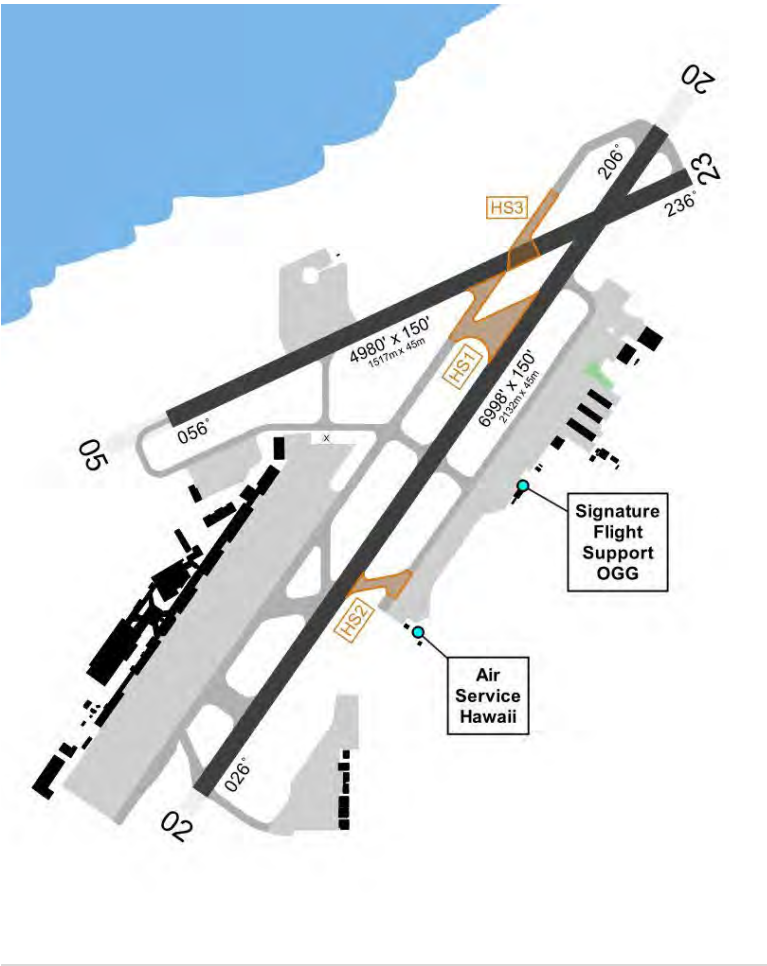
WINDS ALOFT	7000 FT (ISA: 1°C)			9000 FT (ISA: -3°C)			11000 FT (ISA: -7°C)			13000 FT (ISA: -11°C)			15000 FT (ISA: -15°C)		
	(COMP)	WIND	ISA	(COMP)	WIND	ISA	(COMP)	WIND	ISA	(COMP)	WIND	ISA	(COMP)	WIND	ISA
-TOC-	(H4)	104/005	+10	(H2)	107/003	+12	(H1)	114/001	+13	(T1)	283/002	+13	(T4)	287/005	+13
-TOD-	(H4)	104/005	+10	(H2)	107/003	+12	(H1)	114/001	+13	(T1)	283/002	+13	(T4)	287/005	+13
	0h20m (-0:01), 182 lbs Avg wind comp: H4			0h20m (0:00), 189 lbs Avg wind comp: H3			0h21m (0:00), 196 lbs Avg wind comp: H2			0h21m (0:00), 203 lbs Avg wind comp: H2			0h21m (+0:01), 211 lbs Avg wind comp: H1		

FLIGHT INFORMATION REGION	EET	ENTRY	EXIT	DISTANCE
PHZH - HONOLULU CONTROL FACILITY	-	0655Z	0716Z	69NM

SUMMARY & TIMES		FUEL & WEIGHTS		NOTES	
PIC	N13GZ - HLF	Block Fuel	661 lbs	Out:	In: Block time:
Souls on board	1	Taxi Fuel	60 lbs		
Tail	LN13GZ (BE9L)	Flight Fuel	256 lbs	Off:	On: Flight time:
Profile	Basic Performance Profile @ 11000'	Reserve Fuel	405 lbs		
		Alternate Fuel	0 lbs	Start:	Stop: Hobbs time:
Distance	69NM	Extra Fuel	0 lbs		
ETD	20:55 HST / 0655Z	Additional	0 lbs	Start:	Rem: Fuel used:
ETE	0h21m	Payload	180 lbs		
ETA	21:16 HST / 0716Z	ZFW	7469 lbs	Signature:	
Route	DCT	TOW	8070 lbs		
Altitude	11000'	ELW	7874 lbs		

AIRPORT		ETA	WX	TWR/CTAF	CLR	GND	ELEV	LONGEST RWY	
DEP	PHOG	-	128.6	118.7	120.6	121.9	55	02 / 20	6998 ft

PHOG
KAHULUI



PHMU
WAIMEA-KOHALA



ICAO FLIGHT PLAN

PRIORITY ≡FF ⇒		ADDRESSEE(S) PHZHZQZX	
FILING TIME		ORIGINATOR	
SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND (OR) ORIGINATOR			
3 MESSAGE TYPE ≡(FPL		7 AIRCRAFT IDENTIFICATION — L N 1 3 G Z	
9 NUMBER —		TYPE OF AIRCRAFT B E 9 L	
13 DEPARTURE AERODROME — P H O G		WAKE TURBULENCE CAT / L	
15 CRUISING SPEED — N 0 2 5 6		TIME 0 6 5 5 ≡	
LEVEL A 1 1 0		ROUTE DCT	
16 DESTINATION AERODROME — P H M U		TOTAL EET HR MIN 0 0 1 9	
		ALTN AERODROME ⇒	
		2ND ALTN AERODROME ⇒ ≡	
18 OTHER INFORMATION — STS/MEDEVAC PBN/B2C2D2 DOF/221216 CODE/A07986			
SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)			
19 ENDURANCE HR MIN — E / 0 2 5 5		PERSONS ON BOARD ⇒ P / 0 0 3	
SURVIVAL EQUIPMENT		EMERGENCY RADIO	
⇒ ☒ / ☒		⇒ R / ☒	
POLAR DESERT MARITIME JUNGLE		UHF VHF ELT	
JACKETS LIGHT FLUORES UHF VHF		☒ ☒ ☒	
⇒ D / 0 1		⇒ J / L	
CAPACITY COVER COLOUR		☒ ☒ ☒	
⇒ 0 0 4		⇒ ☒	
⇒ YELLOW		≡	
AIRCRAFT COLOUR AND MARKINGS A / WHITE WITH MARKINGS BLUE			
REMARKS ⇒ M /			
PILOT-IN-COMMAND C / ON FILE HLF PHNL) ≡			
FILED BY		ADDITIONAL REQUIREMENTS	

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL In LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

11 unread sections

STANDARD BRIEFING

Adverse Conditions

Temporary Flight Restrictions

Closed/Unsafe NOTAMs

Convective SIGMETs

SIGMETs

AIRMETs

Urgent PIREPs

Synopsis

Current Weather

Forecasts

NOTAMs

ZHN 2/2425

Dec 09, 0000Z to Dec 17, 0400Z

Point-of-Contact Phone: 808-985-6170 !FDC 2/2425 ZHN HI.AIRSPACE MAUNA LO

ACTIVE DURING PASSING TIME

Dec 16, 0712Z to Dec 16, 0713Z

Temporary Flight Restriction

ZHN 2/2425

Dec 09, 0000Z To Dec 17, 0400Z

Dec 16, 0712Z To Dec 16, 0713Z

ACTIVE TIME

ACTIVE DURING PASSING TIME

RAW TEXT

Point-of-Contact Phone: [REDACTED] !FDC 2/2425 ZHN HI.AIRSPACE MAUNA LOA, HI...TEMPORARY FLIGHT RESTRICTIONS WI AN AREA DEFINED AS 194256N1552922W (KOA079031.4) TO 194122N1552844W (KOA082032.1) TO 194047N1552325W (KOA082037.1) TO 192851N1553012W (KOA104033.8) TO 193134N1553617W (KOA104027.4) TO POINT OF ORIGIN SFC-1500FT AGL VOLCANIC ACTIVITY. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. ONLY RELIEF AIRCRAFT OPERATIONS UNDER DIRECTION OF HAWAII VOLCANOES NATIONAL PARK ARE AUTHORIZED IN THE AIRSPACE. HAWAII VOLCANOES NATIONAL PARK TELEPHONE [REDACTED] S IN CHARGE OF ON SCENE EMERGENCY RESPONSE ACTIVITY. HONOLULU /ZHN/ ARTCC TELEPHONE [REDACTED]

NEXT: [Synopsis](#)

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

11 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

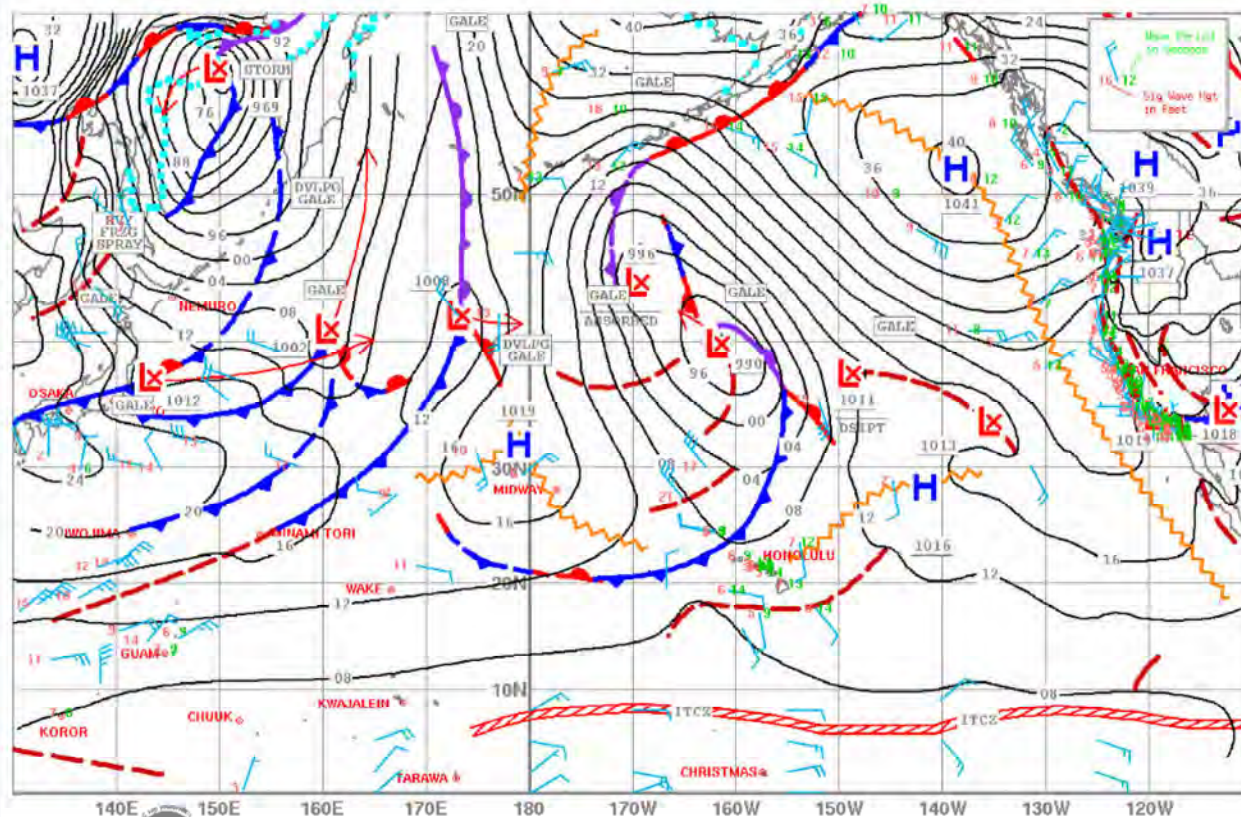
Forecasts

NOTAMs

Surface Analysis Chart

Hawaiian Area Forecast Synopsis

Hawaiian Area Forecast Synopsis



NORTH PACIFIC SURFACE ANALYSIS DEC 16 2022 00 UTC
U.S. Dept. of Commerce/NOAA/National Weather Service Honolulu, Hawaii

Data are not
Quality Controlled

NEXT: METARs

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ
ETD 8:55 PM HST
ETE 0h18m, ETA 9:13 PM HST

11 unread sections

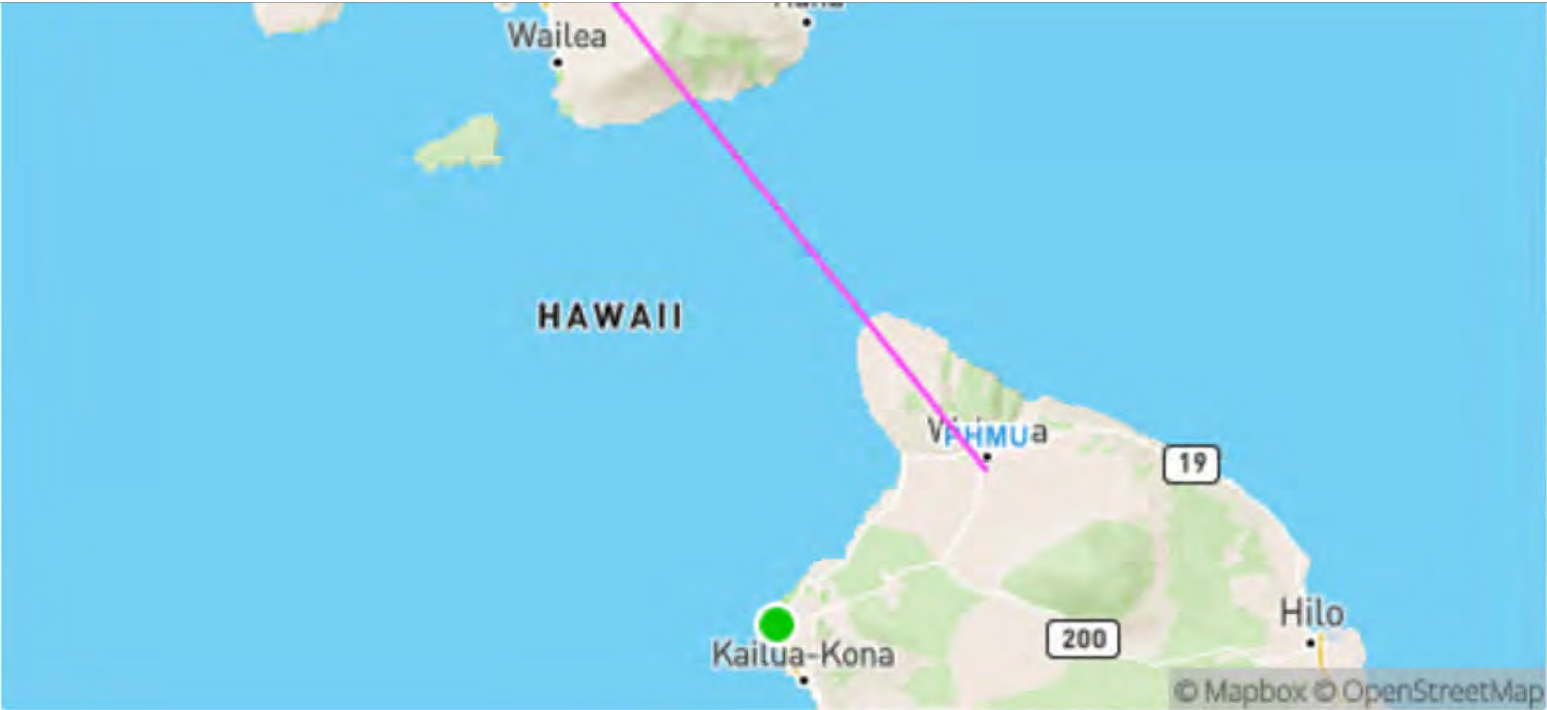
STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather

METARs

PIREP

- Forecasts
- NOTAMs



DEPARTURE

VFR	PHOG	160554Z	Kahului, Kahului (PHOG) December 16, 0554Z, Wind from 190° at 4, 10 statute miles visibility, No clouds detected below 25000 feet, Temperature 22°C, Dew point 17°C, Altimeter is 29.89
-----	------	---------	---

ROUTE

VFR	PHJH	160554Z	Kahului, Kahului (PHOG) December 16, 0554Z, Wind from 190° at 4, 10 statute miles visibility, No clouds detected below 25000 feet, Temperature 22°C, Dew point 17°C, Altimeter is 29.89
VFR	PHKO	160553Z	Ellison Onizuka Kona International At Keahole, Kailua/Kona (PHKO) December 16, 0553Z, Wind from 80° at 4, 10 statute miles visibility, No clouds detected below 25000 feet, Temperature 25°C, Dew point 19°C, Altimeter is 29.89

DESTINATION

VFR	PHSF	160558Z	Bradshaw Army Airfield, Camp Pohakuloa (PHSF) December 16, 0558Z, Automated, Wind from 70° at 3, 10 statute miles visibility, Ceiling is Broken at 7500 feet, Temperature 11°C, Dew point 8°C, Altimeter is 30.21, Remarks AO2 SLP128 T01120077 10185 20103 52016 \$
-----	------	---------	--

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ
ETD 8:55 PM HST
ETE 0h18m, ETA 9:13 PM HST

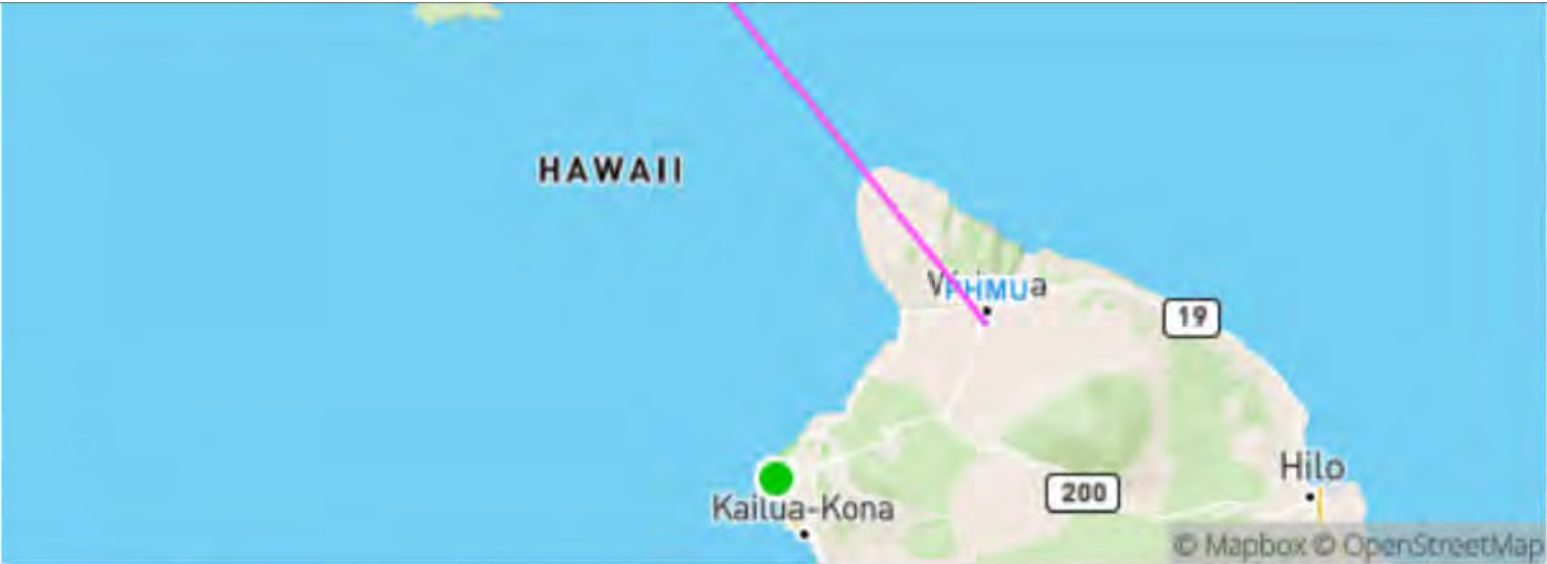
11 unread sections

STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather
- Forecasts
- Cloud Coverage
- Vis, 5kt Winds & Precip

TAFs

- Wind Chart
- Vertical Cross Section Chart
- Winds Aloft Table
- NOTAMs



0655Z	VFR	Kahului, Kahului (PHOG) December 16, 0600Z/December 17, 0600Z December 16, 0600Z, Wind Is Calm, 6 statute miles visibility, Few clouds at 3500 feet, Scattered Clouds at 20000 feet
	VFR	December 16, 1600Z, Wind Is Calm, 6 statute miles visibility, Scattered Clouds at 2000 feet, Ceiling Is Broken at 4000 feet, Ceiling Is Broken at 10000 feet, light rain showers
	VFR	December 17, 0400Z, Wind Is Calm, 6 statute miles visibility, Scattered Clouds at 2000 feet, Ceiling Is Broken at 4500 feet, showers in vicinity
	VFR	Kapalua, Lahaina (PHJH) December 16, 0000Z/December 17, 0000Z December 16, 0000Z, Wind from 240° at 9, 6 statute miles visibility, Few clouds at 3500 feet, Scattered Clouds at 5000 feet
0655Z	VFR	December 16, 0500Z, Wind Is Calm, 6 statute miles visibility, Few clouds at 3500 feet, Ceiling Is Broken at 20000 feet
	VFR	December 16, 1600Z, Wind Is Calm, 6 statute miles visibility, Scattered Clouds at 2000 feet, Ceiling Is Broken at 3500 feet, light rain showers
	MVFR	December 16, 1800Z, Wind Is Calm, 6 statute miles visibility, Scattered Clouds at 2000 feet, Ceiling Is Broken at 3000 feet, Ceiling Is Broken at 10000 feet, moderate rain showers
0713Z	VFR	Ellison Onizuka Kona International At Keahole, Kailua/Kona (PHKO) December 16, 0600Z/December 17, 0600Z December 16, 0600Z, Wind Is Calm, 6 statute miles visibility, Few clouds at 5000 feet, Scattered Clouds at 20000 feet
	VFR	December 16, 1200Z, Wind Is Calm, 6 statute miles visibility, Few clouds at 2500 feet, Ceiling Is Broken at 4500 feet, showers in vicinity
	VFR	December 16, 1800Z, Wind Is Calm, 6 statute miles visibility, Scattered Clouds at 2000 feet, Ceiling Is Broken at 4000 feet, Ceiling Is Overcast at 10000 feet, light rain showers

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

10 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

Cloud Coverage

Vis, Sfc Winds & Precip

TAPs

Wind Chart

Vertical Cross Section Chart

Winds Aloft Table

NOTAMs

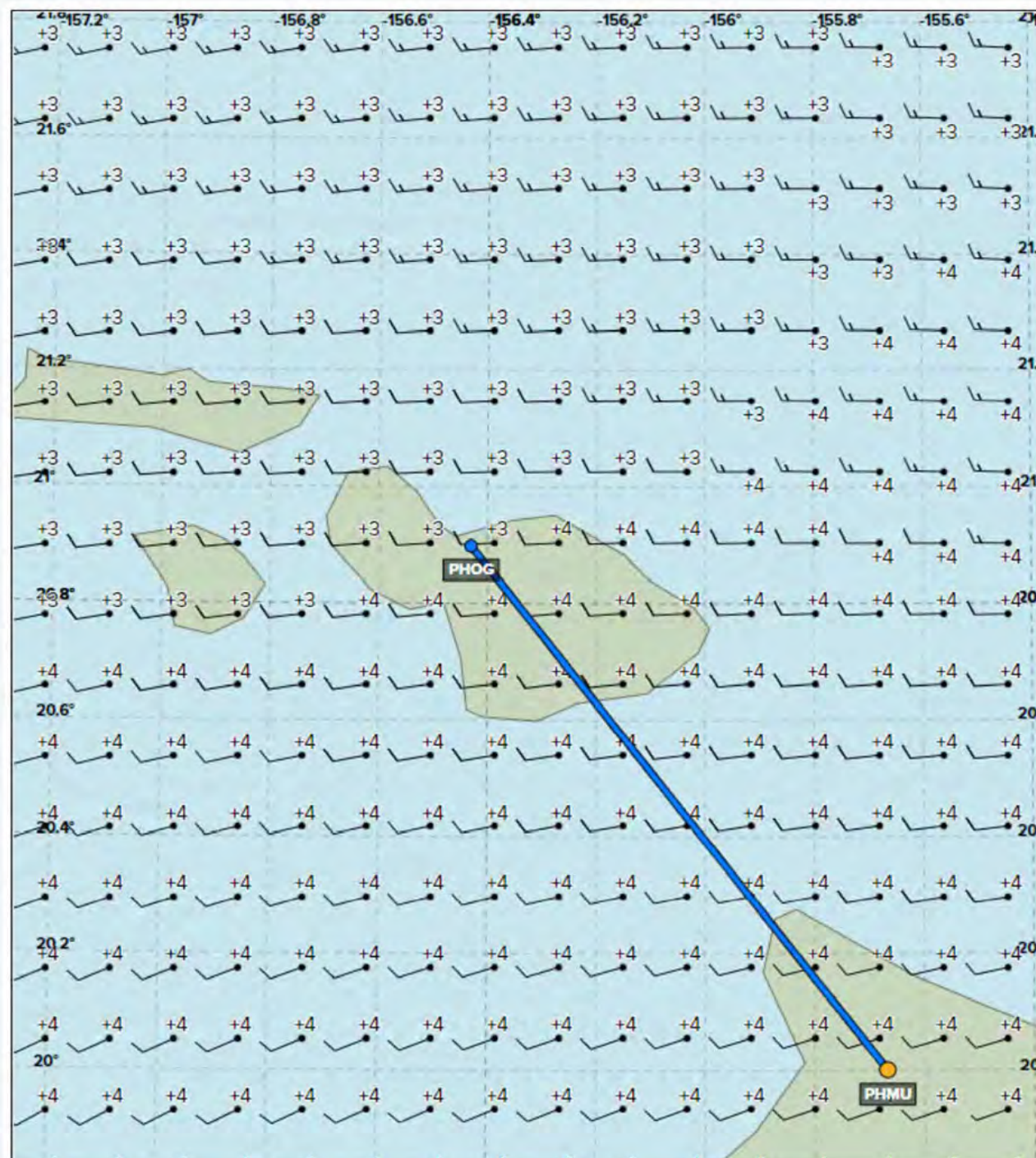
Wind Chart

FL 110

HEIGHT

Dec 16 2022 0655Z

VALID TIME



NEXT: Vertical Cross Section Chart

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

9 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

Cloud Coverage

Vis, Sfc Winds & Precip

TAPs

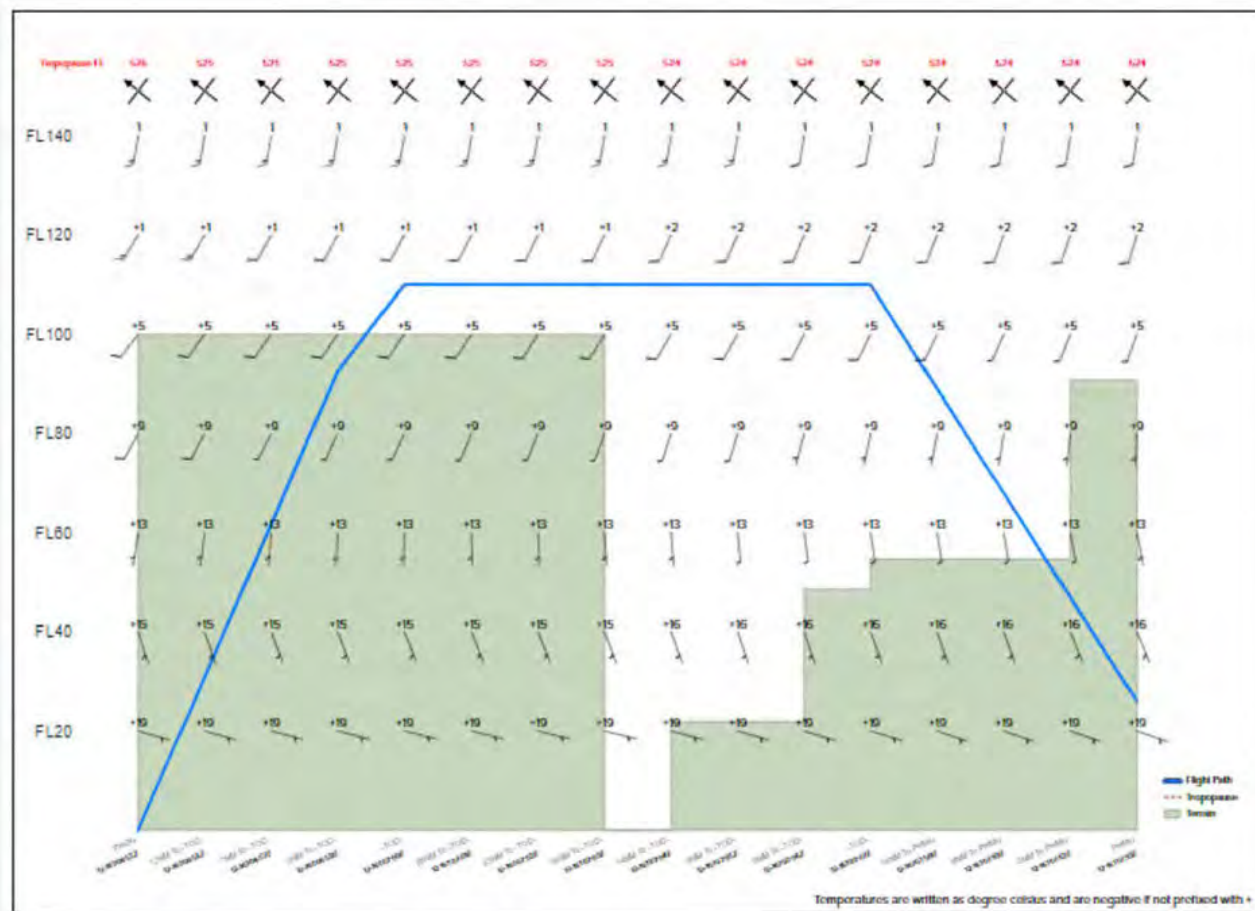
Wind Chart

Vertical Cross Section Chart

Winds Aloft Table

NOTAMs

Vertical Cross Section Chart



BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ
ETD 8:55 PM HST
ETE 0h18m, ETA 9:13 PM HST

8 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

Cloud Coverage

Vis, Sfc Winds & Precip

TAFs

Wind Chart

Vertical Cross Section Chart

Winds Aloft Table

NOTAMs

Winds Aloft Table

ONLY ALTITUDES WITHIN 4,000FT ☒

	7000 -4000 FT	9000 -2000 FT	11000 Filed	12000 1000 FT	13000 2000 FT	15000 4000 FT
PHOG						
PHMU	250° 7kts 12°C	270° 10kts 8°C	270° 13kts 4°C	264° 14kts 2°C	254° 16kts 0°C	233° 19kts -3°C
	228° 8kts 12°C	246° 7kts 8°C	249° 9kts 4°C	248° 9kts 2°C	244° 10kts 1°C	230° 13kts -4°C

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LMTGZ

ETD 8:55 PM HST

ETE 09:18m, ETA 9:13 PM HST

7 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Alternative 1

Alternative 2

Enroute

ARTCC

NAVIGATION
Kahului (PHOG)
OGG NAV VORTAC 250-260 BEYOND 35NM UNUSABLE. 2211071258-PERM.
COMMUNICATION
None
SERVICE
None
OBSTRUCTION WITHIN 10 NM
Kahului (PHOG)
OGG OBST WIND TURBINE LGT (ASN 2013-WTW-10147-OE)
205135N1562526W (2.5NM S OGG) 318FT (72FT AGL) UNSERVICEABLE
2212151316-2212301316
AIRSPACE WITHIN 10 NM
None
SPECIAL USE AIRSPACE WITHIN 10 NM
None
RUNWAY
Kahului (PHOG)
OGG RWY 02/20 WORK IN PROGRESS SWEEPING WED 1600-1800
2212071600-2212281800
Kahului (PHOG)
OGG RWY 05/23 WORK IN PROGRESS SWEEPING WED 1600-1800
2212071600-2212281800
TAXIWAY
Kahului (PHOG)
OGG TWY ALL WORK IN PROGRESS SWEEPING WED 1430-1600
2212071430-2212281600
APRON
None
AERODROME
None
FDC
Kahului (PHOG)
OGG IAP KAHULUI, KAHULUI, HI.
RNAV (RNP) Z RWY 2, AMDT 1A...
RNP 0.30 DA 394/HAT 339, VISIBILITY 1/2 SM. CHART APT ELEV
55. CHART
TDZE 55. CHANGE PBN REQUIREMENTS NOTE TO READ: RNP AR APCH - GPS.
THIS IS RNAV (RNP) Z RWY 2, AMDT 1B. 2210191551-PERM
OTHER/UNVERIFIED
None
NEXT: Destination NOTAMs

BRIEFING SUMMARY**PHOG to PHMU**

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions ▾

Synopsis

Current Weather ▾

Forecasts ▾

NOTAMs ▾

Departure

Destination

Alternate 1

Alternate 2

Enroute ▾

ARTCC

Destination NOTAMsPLAIN TEXT ☒

NAVIGATION

None

COMMUNICATION

None

SERVICE

None

OBSTRUCTION WITHIN 10 NM

Waimea-Kohala (PHMU)

MUE OBST TOWER LGT (ASR 1002607) 200133.00N1553931.00W

(1.5NM NNE MUE) 2892.1FT (137.1FT AGL) UNSERVICEABLE

2211141548-2303141548

AIRSPACE WITHIN 10 NM

None

SPECIAL USE AIRSPACE WITHIN 10 NM

None

RUNWAY

None

TAXIWAY

None

APRON

None

AERODROME

None

FDC

Waimea-Kohala (PHMU)

MUE IAP WAIMEA-KOHALA, KAMUELA, HI

VOR/DME-A, ORIG-B...

PROCEDURE NA.

2211081853-2411081853EST

NEXT: Enroute Navigation NOTAMs

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0hr18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

 Adverse Conditions ▾

 Synopsis

 Current Weather ▾

 Forecasts ▾

 NOTAMs ▾

Departure

Destination

Alternate 1

Alternate 2

Enroute ▾

Navigation

Communication

SVC

Airspace

Special Use Airspace

Rwy/Twy/Apron/AD/FDC

Other/Unverified

ARTCC

Enroute Navigation NOTAMs

PLAIN TEXT ☐ OFF

OGG

OGG 11/013 OGG NAV VORTAC 250-260 BEYOND 35NM UNUSABLE

2211071258-PERM

PHZH

LIH 11/028 SOK NAV TACAN U/S 2211251635-2212312359EST

PHZH

OGG 11/013 OGG NAV VORTAC 250-260 BEYOND 35NM UNUSABLE

2211071258-PERM

NEXT: Enroute SVC NOTAMs

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ
ETD 8:55 PM HST
ETE 0h18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Alternate 1

Alternate 2

Enroute

Navigation

Enroute SVC NOTAMs

PLAIN TEXT OFF

PHJH
JHM 12/006 JHM SVC TWR CLSD MNT CTAF 122.7 2212022054-2301022300

PHHN
HNM 11/005 HNM SVC AUTOMATED WX BCST SYSTEM NOT AVBL
2211191900-2301272359

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in **LN13GZ**

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Alternate 1

Alternate 2

Enroute

Navigation

Enroute Airspace NOTAMs

PLAIN TEXT

OFF

PHHN
HNH 08/001 HNH AIRSPACE PJE WI AN AREA DEFINED AS 2NM RADIUS OF HNH
SFC-10000FT DLY SR-SS 2208121602-2308130456

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0h18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Alternate 1

Alternate 2

Enroute

Navigation

Enroute Rwy/Twy/Apron/AD/FDC NOTAMs

PLAIN TEXT

OFF

PHJH

JHM 12/011 JHM RWY 02 PAPI U/S 2212022127-2301022300

PHJH

JHM 12/005 JHM RWY 20 PAPI U/S 2212022053-2301022300

PHJH

FDC 1/1773 JHM SPECIAL KAPALUA, LAHAINA, HI.

SPECIAL TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4

...

TAKEOFF MINIMUMS: RWY 2, 400-1 OR STANDARD WITH MINIMUM CLIMB OF

332FT PER NM TO 600. ALL OTHER DATA REMAINS THE SAME.

2108051256-2308051256EST

PHKO

FDC 2/4853 KOA IAP ELLISON ONIZUKA KONA INTL AT KEAHOLE,

KAILUA/KONA, HI.

RNAV (GPS) RWY 35, AMDT 2...

LNAV CAT C VIS 1 1/8 SM.

CIRCLING CAT C VIS 1 1/2 SM.

2207181712-2407181712EST

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ
ETD 8:55 PM HST
ETE 0h18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Alternate 1

Alternate 2

Enroute

Navigation

Enroute Other NOTAMs

PLAIN TEXT OFF

PHJH
JHM 09/006 JHM OBST RIG (ASN UNKNOWN) 205820N1563959W (0.5NM NE
APCH END RWY 20)
UNKNOWN (35FT AGL) FLAGGED AND LGTD 2209092203-2212312300

PHJH
JHM 09/001 JHM OBST RIG (ASN UNKNOWN) 205811N1564027W (0.5NM NE
APCH END RWY 20)
UNKNOWN (35FT AGL) FLAGGED AND LGTD 2209021756-2212312300

MUE
MUE 11/006 MUE OBST TOWER LGT (ASR 1002607) 200133.00N1553931.00W
(1.5NM NNE MUE) 2892.1FT (137.1FT AGL) U/S 2211141548-2303141548

BRIEFING SUMMARY

PHOG to PHMU

11,000' MSL in LN13GZ

ETD 8:55 PM HST

ETE 0hr18m, ETA 9:13 PM HST

0 unread sections

STANDARD BRIEFING

Adverse Conditions

Synopsis

Current Weather

Forecasts

NOTAMs

Departure

Destination

Altitude 1

Altitude 2

Enroute

AIRCC

PHZH

ISUAW 12/917 ZHN AIRSPACE R3103 ACT SFC-4000FT AGL

2212121800-2212311000

PHZH

IFDC 2/2425 ZHN HI..AIRSPACE MAUNA LOA, HI..TEMPORARY FLIGHT

RESTRICTIONS WI AN AREA DEFINED AS

194256N1552922W (KOA079031.4) TO

194122N1552844W (KOA082032.1) TO

194047N1552325W (KOA082037.1) TO

192851N1553012W (KOA104033.8) TO

193134N1553617W (KOA104027.4) TO POINT OF ORIGIN

SFC-1500FT AGL VOLCANIC ACTIVITY. PURSUANT TO 14 CFR SECTION

91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. ONLY

RELIEF AIRCRAFT OPERATIONS UNDER DIRECTION OF HAWAII VOLCANOES

NATIONAL PARK ARE AUTHORIZED IN THE AIRSPACE. HAWAII VOLCANOES

NATIONAL PARK TELEPHONE 808-985-6170 IS IN CHARGE OF ON SCENE

EMERGENCY RESPONSE ACTIVITY. HONOLULU /ZHN/ ARTCC TELEPHONE

808-840-6204 IS THE FAA COORDINATION FACILITY. EFFECTIVE 2212090000

UTC UNTIL 2212170400 UTC.

2212090000-2212170400

PHZH

ISUAW 10/019 ZHN AIRSPACE R3109B ACT 9000FT UP TO BUT NOT INCLUDING

FL190 2210011000-2310311000

PHZH

ISUAW 10/020 ZHN AIRSPACE R3109A ACT SFC-8999FT

2210011000-2310311000

PHZH

ISUAW 10/021 ZHN AIRSPACE R3109C ACT SFC-8999FT

2210011000-2310311000

PHZH

IFDC 2/1356 ZHN HI..AIRSPACE KILAUEA, HI..TEMPORARY FLIGHT

RESTRICTIONS WI AN AREA DEFINED AS

192528N1551742W (ITO211024.0) TO

192543N1551530W (ITO208022.4) TO

192037N1551627W (ITO202027.1) TO

192208N1552158W (ITO213029.1) TO

POINT OF ORIGIN. SFC-1500FT AGL VOLCANIC ACT.

PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT

RESTRICTIONS ARE IN EFFECT. ONLY RELIEF ACFT OPS UNDER

DIRECTION OF HAWAII VOLCANOES NATIONAL PARK SERVICE ARE AUTH

IN THE AIRSPACE. HAWAII VOLCANOES NATIONAL PARK SERVICE TEL

808-985-6170 IS IN CHARGE OF ON SCENE EMERG RESPONSE ACT.

HONOLULU /ZHN/ ARTCC TEL 808-840-6201 IS THE FAA CDN

FACILITY.

2209212230-2212202359

PHZH

IFDC 2/9468 ZHN HI..ROUTE ZHN.

V2, V21 KEIKI, HI TO LANAI (LNY) VORTAC, HI MEA 5500.

2203251414-2403221409EST

PHZH

IFDC 1/1675 ZHN HI..ROUTE ZHN.

V12, V15 SHIGI, HI TO HONOLULU (HNL) VORTAC, HI MEA 4300.

2109212158-2309212158EST

[Return to Beginning](#)