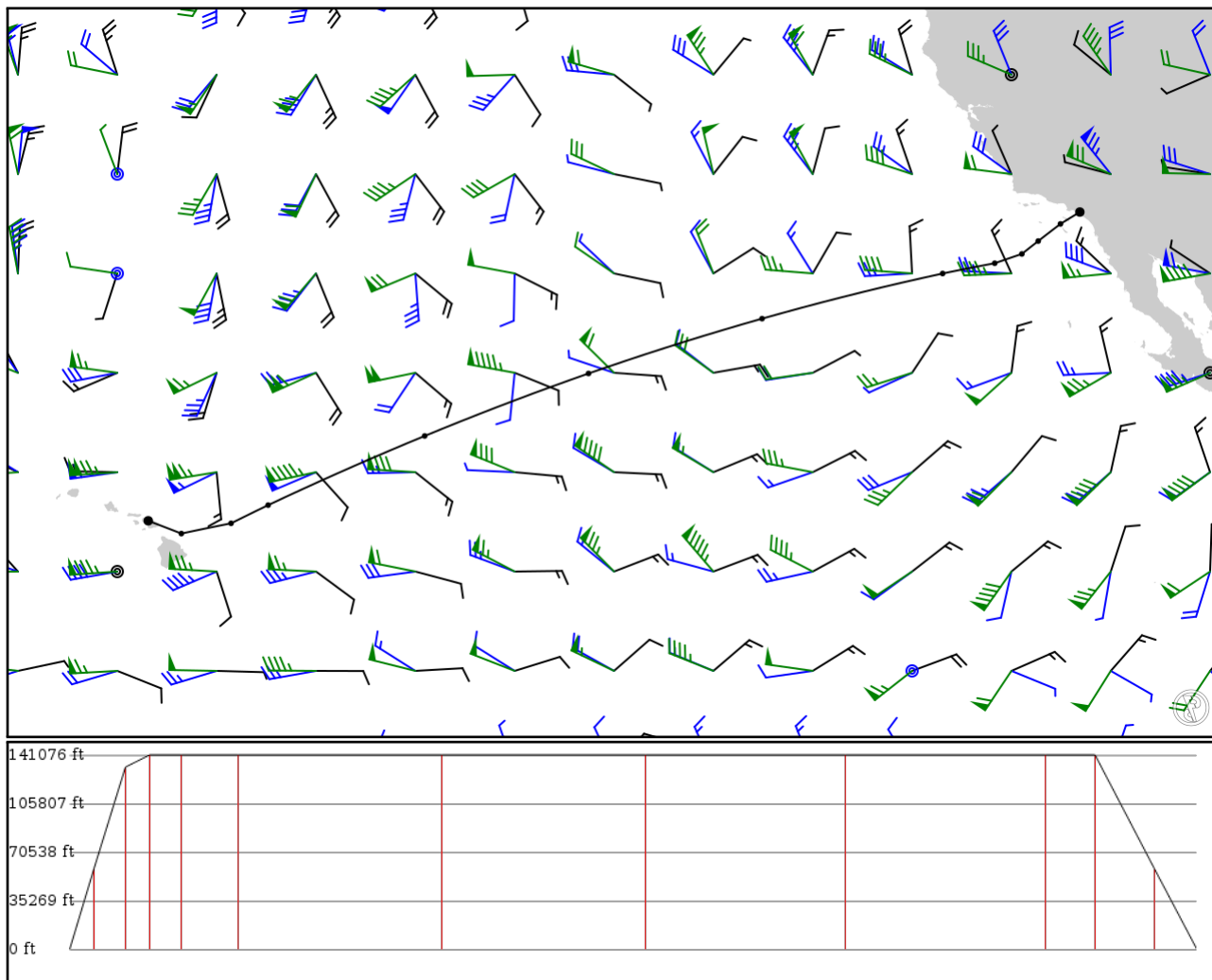


2024/05/10 1142Z

KSNA GOATZ **C1177** FICKY **R578** BYROW PHOG

2237.71 nm / 4144.24 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 43000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----------------|------------------------|-----------------------|--------------|--------------------------|
| KSNA APT | - - | 33.67610 -117.86800 | 0 ft 0 m | - | John Wayne/Orange County |
| GOATZ FIX | - - | 33.18490 -118.67100 | 17,800 ft 5,425 m | 49 - | |
| MALIT FIX | C1177 AWY-HI | 32.47560 -119.59100 | 40,300 ft 12,283 m | 63 - | |
| ROSIN FIX | C1177 AWY-HI | 31.94210 -120.26800 | 43,000 ft 13,106 m | 47 - | |
| FICKY FIX | C1177 AWY-HI | 31.55760 -121.39200 | 43,000 ft 13,106 m | 61 - | |
| FOOTS FIX | R578 AWY-HI | 31.13210 -123.54800 | 43,000 ft 13,106 m | 113 - | |
| FLITY FIX | R578 AWY-HI | 29.26440 -131.02200 | 43,000 ft 13,106 m | 403 - | |
| FIZEL FIX | R578 AWY-HI | 26.99500 -138.20500 | 43,000 ft 13,106 m | 404 - | |
| FOMAS FIX | R578 AWY-HI | 24.41000 -144.98600 | 43,000 ft 13,106 m | 398 - | |
| FAPIS FIX | R578 AWY-HI | 21.54780 -151.46600 | 43,000 ft 13,106 m | 397 - | |
| FITES FIX | R578 AWY-HI | 20.79460 -153.00100 | 43,000 ft 13,106 m | 97 - | |
| BYROW FIX | R578 AWY-HI | 20.36950 -155.05900 | 17,800 ft 5,425 m | 118 - | |
| PHOG APT | - - | 20.89860 -156.43000 | 0 ft 0 m | 83 | Kahului |

KSNA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 56 ft / 17 m
Location: 33.676100 -117.868000
Magnetic Var: 11.282 E

METAR

KSNA 101053Z AUTO 00000KT 10SM OVC016 17/12 A2994 RMK A02 SLP139 T01670122

TAF

TAF KSNA 100520Z 1006/1106 20005KT P6SM SCT018 OVC025 FM100700 VRB04KT P6SM OVC018 FM101600 VRB04KT P6SM BKN021 FM110000 VRB04KT P6SM BKN021

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| REC - 126.00 MHz - ATIS | COM - 126.80 MHz - CTAF |
| COM - 122.95 MHz - UNICOM | CLD - 118.00 MHz - CLEARANCE DELIVERY |
| CLD - 121.85 MHz - CLEARANCE DELIVERY | GND - 120.80 MHz - JOHN WAYNE GROUND |
| GND - 132.25 MHz - JOHN WAYNE GROUND | TWR - 119.90 MHz - JOHN WAYNE TOWER |
| TWR - 126.80 MHz - JOHN WAYNE TOWER | TWR - 128.35 MHz - JOHN WAYNE TOWER |
| APP - 121.30 MHz - SOCAL APPROACH | DEP - 128.10 MHz - SOCAL DEPARTURE |
| DEP - 132.70 MHz - SOCAL DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 02L | 151 ft | 5,711 ft | 27.79 | ASPHALT | 0 ft | 1,001 ft |
| | 46 m | 1,741 m | 16.51 | | 0 m | 305 m |
| 20R | 151 ft | 5,711 ft | 207.80 | ASPHALT | 0 ft | 194 ft |
| | 46 m | 1,741 m | 196.51 | | 0 m | 59 m |
| 02R | 75 ft | 2,891 ft | 27.81 | ASPHALT | 0 ft | 404 ft |
| | 23 m | 881 m | 16.53 | | 0 m | 123 m |
| 20L | 75 ft | 2,891 ft | 207.81 | ASPHALT | 0 ft | 151 ft |
| | 23 m | 881 m | 196.53 | | 0 m | 46 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 20R | DME | IOJW | 108.30 MHz | 18 nm | - | - | 40 ft |
| | | | | 33 km | - | | 40 m |
| 20R | DME | ISNA | 111.75 MHz | 18 nm | - | - | 68 ft |
| | | | | 33 km | - | | 68 m |
| 20R | LOC-ILS | ISNA | 111.75 MHz | 18 nm | 207.81 | - | 56 ft |
| | | | | 33 km | 196.53 | | 56 m |
| 20R | GS | ISNA | 111.75 MHz | 10 nm | 207.81 | 3.00 | 56 ft |
| | | | | 19 km | 196.53 | | 56 m |

PHOG

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 2

Elevation: 53 ft / 16 m
Location: 20.898600 -156.430000
Magnetic Var: 9.307 E

METAR

PHOG 101054Z AUTO 00000KT 10SM CLR 19/19 A2995

TAF

TAF PHOG 100535Z 1006/1106 05011KT P6SM VCSH BKN025 BKN040 FM100800 VRB05KT P6SM VCSH SCT025 BKN040 FM102100 0401.

Frequencies

| | |
|-----------------------------------|-----------------------------------|
| REC - 128.60 MHz - ATIS | GND - 121.90 MHz - MAUI GROUND |
| TWR - 118.70 MHz - MAUI TOWER | CLD - 120.60 MHz - MAUI CLEARANCE |
| APP - 119.50 MHz - MAUI APPROACH | APP - 120.20 MHz - MAUI APPROACH |
| DEP - 119.50 MHz - MAUI DEPARTURE | DEP - 120.20 MHz - MAUI DEPARTURE |
| COM - 122.95 MHz - KAHULUI UNICOM | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 02 | 150 ft | 7,017 ft | 34.83 | ASPHALT | 0 ft | 226 ft |
| | 46 m | 2,139 m | 25.52 | | 0 m | 69 m |
| 20 | 150 ft | 7,017 ft | 214.83 | ASPHALT | 0 ft | 397 ft |
| | 46 m | 2,139 m | 205.53 | | 0 m | 121 m |
| 05 | 150 ft | 4,983 ft | 64.87 | ASPHALT | 0 ft | 0 ft |
| | 46 m | 1,519 m | 55.57 | | 0 m | 0 m |
| 23 | 150 ft | 4,983 ft | 244.88 | ASPHALT | 0 ft | 0 ft |
| | 46 m | 1,519 m | 235.57 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 02 | DME | IOGG | 110.10 MHz | 18 nm | - | - | 46 ft |
| | | | | 33 km | - | | 46 m |
| 02 | LOC-ILS | IOGG | 110.10 MHz | 18 nm | 34.83 | - | 53 ft |
| | | | | 33 km | 25.52 | | 53 m |
| 02 | GS | IOGG | 110.10 MHz | 10 nm | 34.83 | 3.10 | 53 ft |
| | | | | 19 km | 25.52 | | 53 m |