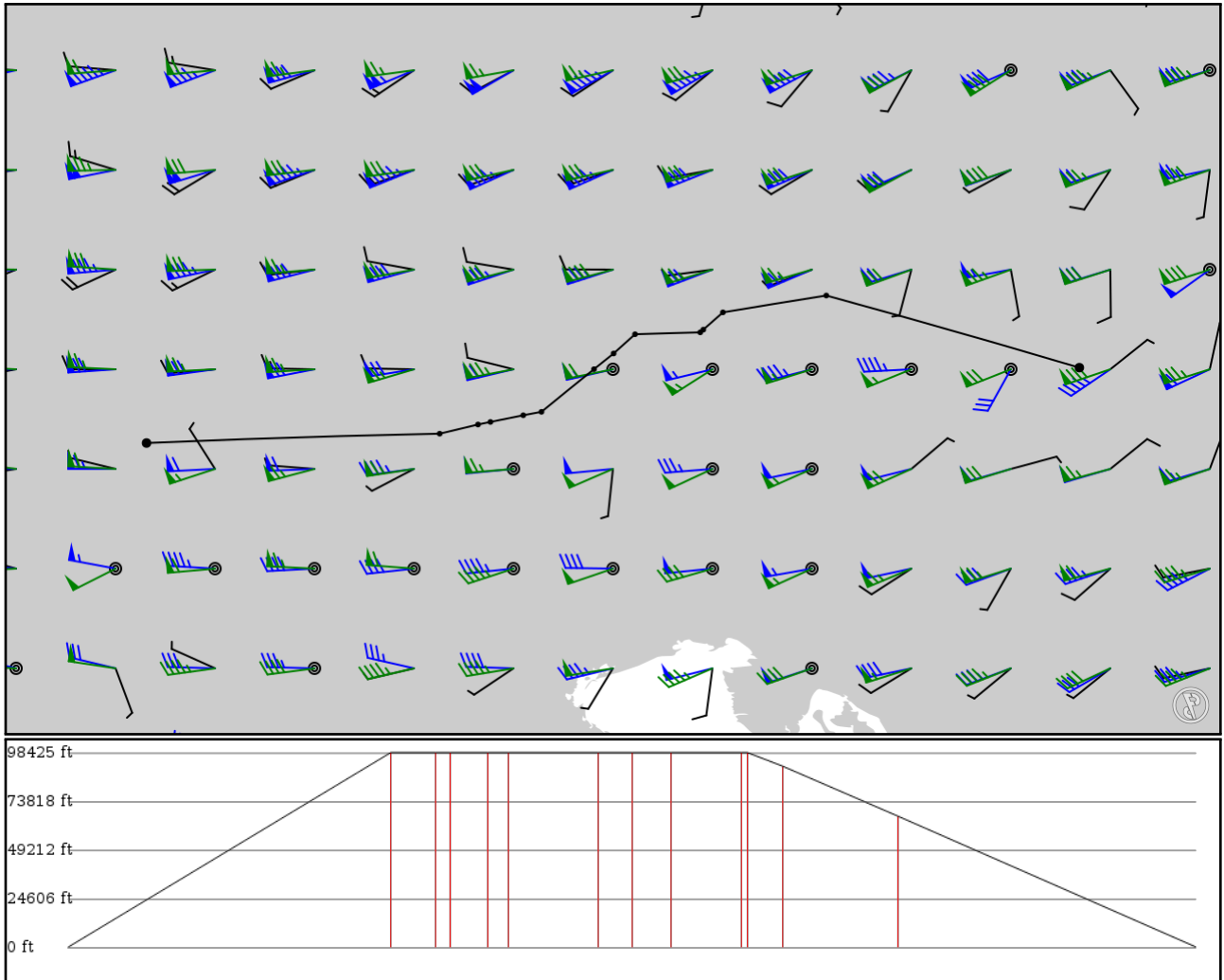


2024/05/08 0738Z

LSZH SUGIB **UN871** BIBAG **Q104** AKIMA SUBEN RENKA TIVAP LOWW

356.87 nm / 660.91 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-------------|
| LSZH | - | 47.46350 | 0 ft | - | Zurich |
| APT | - | 8.54995 | 0 m | | |
| SUGIB | - | 47.54360 | 30,000 ft | 102 | - |
| FIX | - | 11.07030 | 9,144 m | | |
| KOGOL | UN871 | 47.62220 | 30,000 ft | 14 | - |
| FIX | AWY-HI | 11.39970 | 9,144 m | | |
| RILBU | UN871 | 47.64420 | 30,000 ft | 4 | - |
| FIX | AWY-HI | 11.50670 | 9,144 m | | |
| TULSI | UN871 | 47.70160 | 30,000 ft | 11 | - |
| FIX | AWY-HI | 11.78880 | 9,144 m | | |
| BADVI | UN871 | 47.73110 | 30,000 ft | 6 | - |
| FIX | AWY-HI | 11.94530 | 9,144 m | | |
| AMDID | UN871 | 48.09720 | 30,000 ft | 28 | - |
| FIX | AWY-HI | 12.39690 | 9,144 m | | |
| MEBEK | UN871 | 48.23190 | 30,000 ft | 10 | - |
| FIX | AWY-HI | 12.56550 | 9,144 m | | |
| BIBAG | UN871 | 48.39700 | 30,000 ft | 12 | - |
| FIX | AWY-HI | 12.74980 | 9,144 m | | |
| AKIMA | Q104 | 48.41310 | 30,000 ft | 22 | - |
| FIX | AWY-HI | 13.31030 | 9,144 m | | |
| SUBEN | - | 48.43640 | 30,000 ft | 1 | - |
| FIX | - | 13.33670 | 9,144 m | | |
| RENKA | - | 48.58470 | 27,900 ft | 11 | - |
| FIX | - | 13.50530 | 8,504 m | | |
| TIVAP | - | 48.72910 | 20,200 ft | 36 | - |
| FIX | - | 14.39400 | 6,157 m | | |
| LOWW | - | 48.11010 | 0 ft | 94 | Vienna Intl |
| APT | - | 16.56960 | 0 m | | |

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.124 E

METAR

LSZH 080720Z 36004KT 320V040 9999 FEW020 BKN050 12/08 Q1023 NOSIG

TAF

TAF LSZH 080525Z 0806/0912 35004KT 9999 FEW035 BKN040 TX15/0815Z TN10/0806Z TN07/0904Z BECMG 0806/0808 03006KT TEMPO

Frequencies

| | |
|------------------------------------|-------------------------------------|
| REC - 125.72 MHz - ATIS | GND - 121.90 MHz - ZURICH GROUND |
| GND - 118.15 MHz - ZURICH GROUND | GND - 119.75 MHz - ZURICH GROUND |
| GND - 121.75 MHz - ZURICH APRON | GND - 121.70 MHz - ZURICH APRON |
| GND - 121.85 MHz - ZURICH APRON | GND - 121.97 MHz - ZURICH APRON |
| TWR - 118.10 MHz - ZURICH TOWER | TWR - 120.22 MHz - ZURICH TOWER |
| TWR - 119.70 MHz - ZURICH TOWER | APP - 118.00 MHz - ZURICH ARRIVAL |
| APP - 135.22 MHz - ZURICH APPROACH | APP - 125.32 MHz - ZURICH FINAL |
| APP - 120.75 MHz - ZURICH FINAL | DEP - 125.95 MHz - ZURICH DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 16 | 197 ft | 12,181 ft | 155.03 | CONCRETE | 0 ft | 62 ft |
| | 60 m | 3,713 m | 151.91 | | 0 m | 19 m |
| 34 | 197 ft | 12,181 ft | 335.05 | CONCRETE | 1,542 ft | 49 ft |
| | 60 m | 3,713 m | 331.92 | | 470 m | 15 m |
| 14 | 197 ft | 10,816 ft | 137.29 | CONCRETE | 492 ft | 75 ft |
| | 60 m | 3,297 m | 134.17 | | 150 m | 23 m |
| 32 | 197 ft | 10,816 ft | 317.31 | CONCRETE | 0 ft | 82 ft |
| | 60 m | 3,297 m | 314.19 | | 0 m | 25 m |
| 10 | 197 ft | 8,196 ft | 95.99 | CONCRETE | 0 ft | 62 ft |
| | 60 m | 2,498 m | 92.87 | | 0 m | 19 m |
| 28 | 197 ft | 8,196 ft | 276.02 | CONCRETE | 0 ft | 276 ft |
| | 60 m | 2,498 m | 272.89 | | 0 m | 84 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 14 | DME | IKL | 108.30 MHz | 18 nm | - | - | 1,460 ft |
| | | | | 33 km | - | | 1,460 m |
| 16 | DME | IZH | 110.50 MHz | 18 nm | - | - | 1,400 ft |
| | | | | 33 km | - | | 1,400 m |
| 28 | DME | IZW | 109.75 MHz | 18 nm | - | - | 1,416 ft |
| | | | | 33 km | - | | 1,416 m |
| 34 | DME | IZS | 110.75 MHz | 18 nm | - | - | 1,410 ft |
| | | | | 33 km | - | | 1,410 m |
| 14 | LOC-ILS | IKL | 111.75 MHz | 18 nm | 137.31 | - | 1,417 ft |
| | | | | 33 km | 134.19 | | 1,417 m |
| 16 | LOC-ILS | IZH | 110.50 MHz | 18 nm | 155.05 | - | 1,417 ft |
| | | | | 33 km | 151.93 | | 1,417 m |
| 28 | LOC-ILS | IZW | 109.75 MHz | 18 nm | 276.01 | - | 1,417 ft |
| | | | | 33 km | 272.89 | | 1,417 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|----------------|-------------------------|-------|---------------------|
| 34 | LOC-ILS | IZS | 110.75 MHz | 18 nm 33 km | 335.06 331.94 | - | 1,417 ft 1,417 m |
| 14 | GS | IKL | 111.75 MHz | 10 nm 19 km | 137.31 134.19 | 3.00 | 1,417 ft 1,417 m |
| 16 | GS | IZH | 110.50 MHz | 10 nm 19 km | 155.05 151.93 | 3.00 | 1,417 ft 1,417 m |
| 28 | GS | IZW | 109.75 MHz | 10 nm 19 km | 276.01 272.89 | 3.30 | 1,417 ft 1,417 m |
| 34 | GS | IZS | 110.75 MHz | 10 nm 19 km | 335.06 331.94 | 3.30 | 1,417 ft 1,417 m |

LOWW

Region: AUSTRIA
Timezone: EUROPE/VIENNA
Runways: 2

Elevation: 600 ft / 183 m
Location: 48.110100 16.569600
Magnetic Var: 5.013 E

METAR

LOWW 080650Z 34006KT 5000 DZ SCT003 BKN004 11/11 Q1019 TEMPO -RADZ BKN006

TAF

TAF LOWW 080515Z 0806/0912 34010KT 9999 BKN020 TX19/0912Z TN12/0806Z TEMPO 0806/0812 -RADZ TEMPO 0806/0809 BKN006

Frequencies

| | |
|---------------------------------------|-----------------------------------|
| REC - 122.95 MHz - ATIS ARRIVAL | REC - 121.72 MHz - ATIS DEPARTURE |
| TWR - 124.47 MHz - WIEN TOWER | TWR - 123.80 MHz - WIEN TOWER |
| TWR - 121.20 MHz - WIEN TOWER | TWR - 119.40 MHz - WIEN TOWER |
| GND - 121.77 MHz - WIEN GROUND | GND - 121.60 MHz - WIEN GROUND |
| CLD - 122.12 MHz - CLEARANCE DELIVERY | APP - 134.67 MHz - WIEN RADAR |
| APP - 125.17 MHz - WIEN RADAR | APP - 129.05 MHz - WIEN RADAR |
| APP - 118.77 MHz - WIEN RADAR | APP - 136.25 MHz - WIEN RADAR |
| APP - 119.80 MHz - WIEN DIRECTOR | APP - 134.12 MHz - WIEN DIRECTOR |
| REC - 118.52 MHz - WIEN INFORMATION | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 16 | 148 ft | 11,822 ft | 164.23 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,604 m | 159.22 | | 0 m | 60 m |
| 34 | 148 ft | 11,822 ft | 344.24 | ASPHALT | 0 ft | 194 ft |
| | 45 m | 3,604 m | 339.23 | | 0 m | 59 m |
| 11 | 148 ft | 11,495 ft | 115.99 | ASPHALT | 0 ft | 174 ft |
| | 45 m | 3,504 m | 110.97 | | 0 m | 53 m |
| 29 | 148 ft | 11,495 ft | 296.02 | ASPHALT | 0 ft | 187 ft |
| | 45 m | 3,504 m | 291.01 | | 0 m | 57 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 11 | DME | OEW | 110.30 MHz | 18 nm | - | - | 593 ft |
| | | | | 33 km | - | | 593 m |
| 16 | DME | O EZ | 108.50 MHz | 18 nm | - | - | 610 ft |
| | | | | 33 km | - | | 610 m |
| 29 | DME | O EX | 109.55 MHz | 18 nm | - | - | 624 ft |
| | | | | 33 km | - | | 624 m |
| 34 | DME | O EN | 108.10 MHz | 18 nm | - | - | 572 ft |
| | | | | 33 km | - | | 572 m |
| 11 | LOC-ILS | OEW | 110.30 MHz | 18 nm | 116.04 | - | 600 ft |
| | | | | 33 km | 111.03 | | 600 m |
| 16 | LOC-ILS | O EZ | 108.50 MHz | 18 nm | 164.25 | - | 600 ft |
| | | | | 33 km | 159.24 | | 600 m |
| 29 | LOC-ILS | O EX | 109.55 MHz | 18 nm | 295.98 | - | 600 ft |
| | | | | 33 km | 290.97 | | 600 m |
| 34 | LOC-ILS | O EN | 108.10 MHz | 18 nm | 344.21 | - | 600 ft |
| | | | | 33 km | 339.20 | | 600 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 11 | GS | OEW | 110.30 MHz | 10 nm | 116.02 | 3.10 | 593 ft |
| | | | | 19 km | 111.01 | | 593 m |
| 16 | GS | OEZ | 108.50 MHz | 10 nm | 164.47 | 3.00 | 610 ft |
| | | | | 19 km | 159.46 | | 610 m |
| 29 | GS | OEX | 109.55 MHz | 10 nm | 296.02 | 3.00 | 624 ft |
| | | | | 19 km | 291.01 | | 624 m |
| 34 | GS | OEN | 108.10 MHz | 10 nm | 344.47 | 3.00 | 604 ft |
| | | | | 19 km | 339.46 | | 604 m |