# LSZH
Zurich

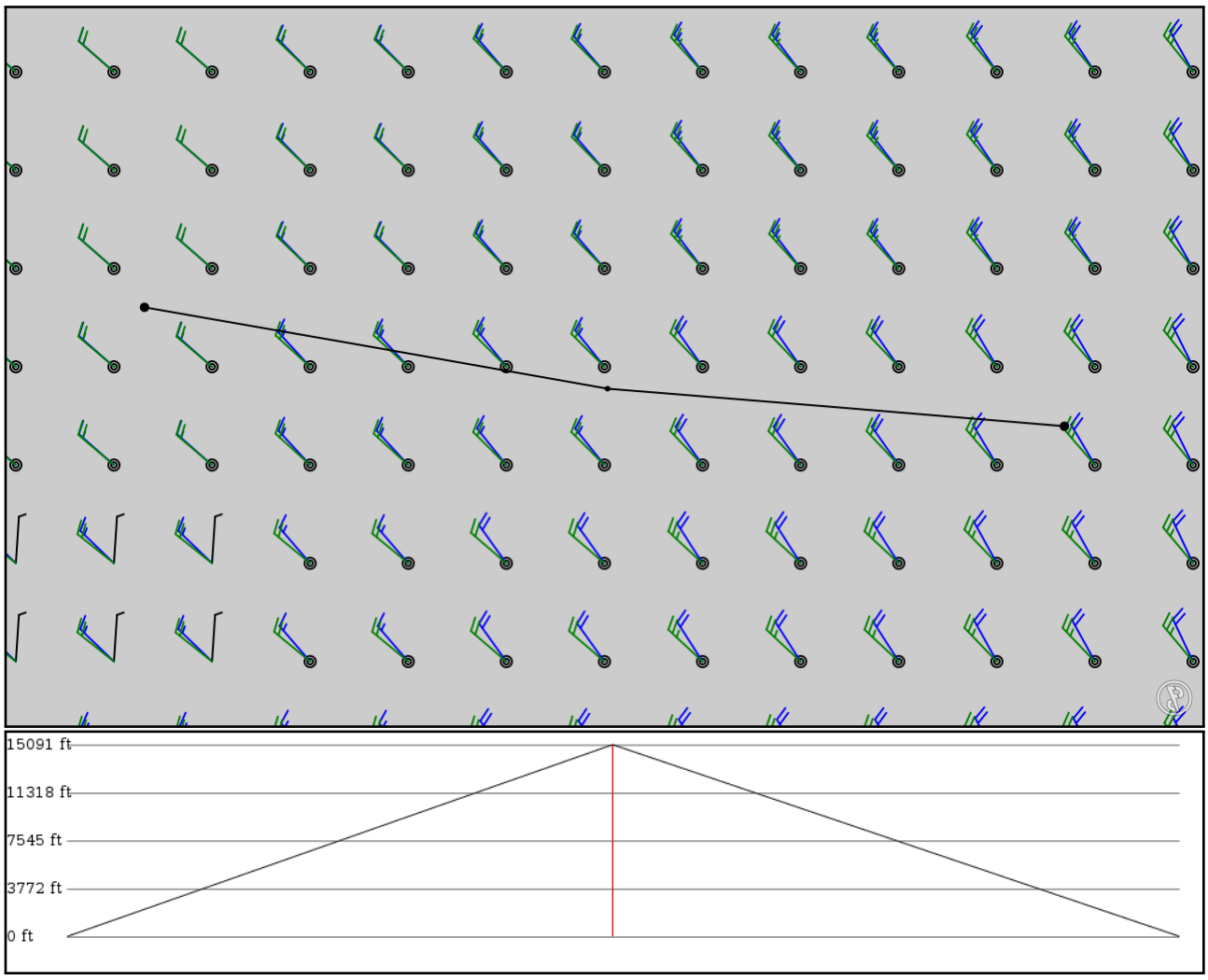
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# LFSB
Bale-Mulhouse

2024/03/19 1354Z

LSZH GIPOL LFSB

42.43 nm / 78.58 km




## Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- 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<br>Type | Via | Lat<br>Lon | Alt | Dist<br>(nm) | Name |
|---|---|---|---|---|---|
| LSZH<br>APT | – | 47.46349<br>8.54996 | 0 ft<br>0 m | – | Zurich |
| GIPOL<br>FIX | – | 47.50528<br>8.04083 | 4,600 ft<br>1,402 m | 20 | – |
| LFSB<br>APT | – | 47.59581<br>7.52481 | 0 ft<br>0 m | 21 | Bale-Mulhouse |

# LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.108 E

## METAR

LSZH 191320Z 35003KT 280V080 9999 FEW022 14/09 Q1019 NOSIG

## TAF

TAF LSZH 191125Z 1912/2018 04005KT 9999 SCT015 TX15/1915Z TN02/2006Z TX19/2015Z BECMG 1914/1917 CAVOK BECMG 1917/

## Frequencies

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

## Runways

| Ident | Width | Length | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|---|---|---|---|---|---|---|
| 16 | 197 ft<br>60 m | 12,181 ft<br>3,713 m | 155.03<br>151.93 | CONCRETE | 0 ft<br>0 m | 62 ft<br>19 m |
| 34 | 197 ft<br>60 m | 12,181 ft<br>3,713 m | 335.05<br>331.94 | CONCRETE | 1,542 ft<br>470 m | 49 ft<br>15 m |
| 14 | 197 ft<br>60 m | 10,816 ft<br>3,297 m | 137.29<br>134.19 | CONCRETE | 492 ft<br>150 m | 75 ft<br>23 m |
| 32 | 197 ft<br>60 m | 10,816 ft<br>3,297 m | 317.31<br>314.21 | CONCRETE | 0 ft<br>0 m | 82 ft<br>25 m |
| 10 | 197 ft<br>60 m | 8,196 ft<br>2,498 m | 95.99<br>92.89 | CONCRETE | 0 ft<br>0 m | 62 ft<br>19 m |
| 28 | 197 ft<br>60 m | 8,196 ft<br>2,498 m | 276.02<br>272.91 | CONCRETE | 0 ft<br>0 m | 276 ft<br>84 m |

## Approach Navaids

| Runway | Type | Ident | Frequency | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|---|---|---|---|---|---|---|---|
| 14 | DME | IKL | 108.30 MHz | 18 nm<br>33 km | -<br>- | - | 1,460 ft<br>1,460 m |
| 16 | DME | IZH | 110.50 MHz | 18 nm<br>33 km | -<br>- | - | 1,400 ft<br>1,400 m |
| 28 | DME | IZW | 109.75 MHz | 18 nm<br>33 km | -<br>- | - | 1,416 ft<br>1,416 m |
| 34 | DME | IZS | 110.75 MHz | 18 nm<br>33 km | -<br>- | - | 1,410 ft<br>1,410 m |
| 14 | LOC-ILS | IKL | 111.75 MHz | 18 nm<br>33 km | 137.31<br>134.20 | - | 1,417 ft<br>1,417 m |
| 16 | LOC-ILS | IZH | 110.50 MHz | 18 nm<br>33 km | 155.05<br>151.94 | - | 1,417 ft<br>1,417 m |
| 28 | LOC-ILS | IZW | 109.75 MHz | 18 nm<br>33 km | 276.01<br>272.90 | - | 1,417 ft<br>1,417 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|---|---|---|---|---|---|---|---|
| 34 | LOC-ILS | IZS | 110.75 MHz | 18 nm | 335.06 | - | 1,417 ft |
| | | | | 33 km | 331.95 | | 1,417 m |
| 14 | GS | IKL | 111.75 MHz | 10 nm | 137.31 | 3.00 | 1,417 ft |
| | | | | 19 km | 134.20 | | 1,417 m |
| 16 | GS | IZH | 110.50 MHz | 10 nm | 155.05 | 3.00 | 1,417 ft |
| | | | | 19 km | 151.94 | | 1,417 m |
| 28 | GS | IZW | 109.75 MHz | 10 nm | 276.01 | 3.30 | 1,417 ft |
| | | | | 19 km | 272.90 | | 1,417 m |
| 34 | GS | IZS | 110.75 MHz | 10 nm | 335.06 | 3.30 | 1,417 ft |
| | | | | 19 km | 331.95 | | 1,417 m |

# LFSB

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 2

Elevation: 884 ft / 269 m
Location: 47.595800 7.524810
Magnetic Var: 2.855 E

## METAR

LFSB 191330Z AUTO VRB03KT CAVOK 17/08 Q1019 NOSIG

## TAF

TAF LFSB 191100Z 1912/2012 34004KT 9999 FEW025 BECMG 1923/2002 4000 BR BECMG 2002/2005 0300 FG VV/// BECMG 2006/20

## Frequencies

TWR - 118.30 MHz - BALE TOWER
APP - 118.57 MHz - BALE APPROACH
APP - 121.25 MHz - BALE APPROACH
CLD - 121.95 MHz - CLEARANCE DELIVERY

GND - 121.60 MHz - BALE GROUND
APP - 119.35 MHz - BALE APPROACH
REC - 127.87 MHz - BALE ATIS
COM - 130.90 MHz - BALE INFO

## Runways

| Ident | Width | Length | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|---|---|---|---|---|---|---|
| 08 | 197 ft<br>60 m | 5,977 ft<br>1,822 m | 76.98<br>74.13 | CONCRETE | 0 ft<br>0 m | 0 ft<br>0 m |
| 26 | 197 ft<br>60 m | 5,977 ft<br>1,822 m | 257.00<br>254.14 | CONCRETE | 728 ft<br>222 m | 0 ft<br>0 m |
| 15 | 197 ft<br>60 m | 12,807 ft<br>3,904 m | 154.84<br>151.98 | CONCRETE | 0 ft<br>0 m | 302 ft<br>92 m |
| 33 | 197 ft<br>60 m | 12,807 ft<br>3,904 m | 334.86<br>332.00 | CONCRETE | 3,674 ft<br>1,120 m | 0 ft<br>0 m |

## Approach Navaids

| Runway | Type | Ident | Frequency | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|---|---|---|---|---|---|---|---|
| 15 | DME | MH | 111.55 MHz | 18 nm<br>33 km | -<br>- | - | 860 ft<br>860 m |
| 33 | DME | IBLU | 109.35 MHz | 18 nm<br>33 km | -<br>- | - | 885 ft<br>885 m |
| 15 | LOC-ILS | MH | 111.55 MHz | 18 nm<br>33 km | 154.85<br>151.99 | - | 884 ft<br>884 m |
| 33 | LOC-ILS | IBLU | 109.35 MHz | 18 nm<br>33 km | 334.85<br>331.99 | - | 884 ft<br>884 m |
| 15 | GS | MH | 111.55 MHz | 10 nm<br>19 km | 154.85<br>151.99 | 3.00 | 884 ft<br>884 m |
| 33 | GS | IBLU | 109.35 MHz | 10 nm<br>19 km | 334.85<br>331.99 | 3.50 | 884 ft<br>884 m |