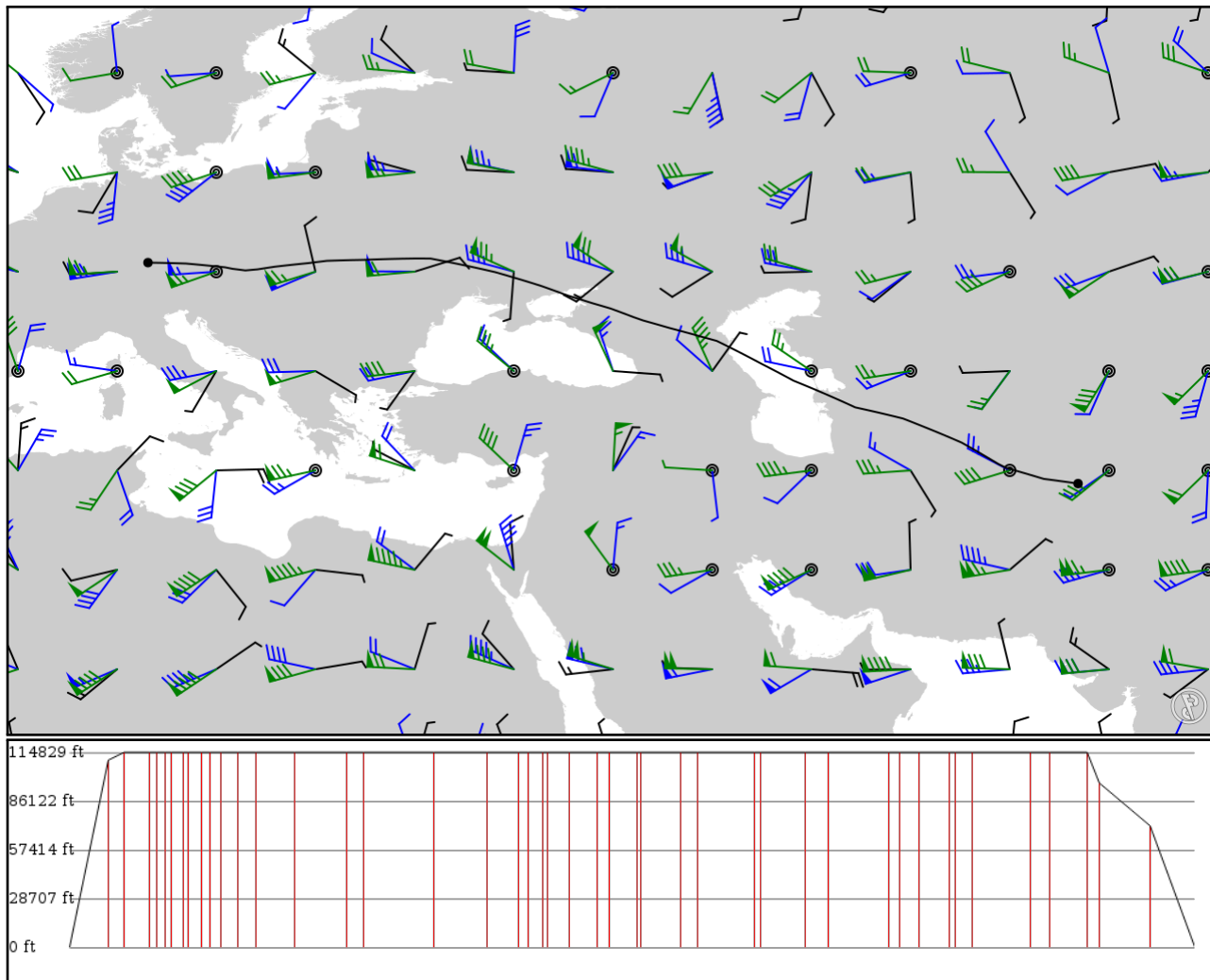


2024/05/16 2203Z

ETSN LAMSI **UL175** STO **UM141** OKR **UM991** OLGIN **B494** TESMI **B450** LASKA **UB450** MARAL **B450** BIBIM **N644**  
LEMOD **M696** SERGO OAIX

2699.32 nm / 4999.14 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 190kts
- Cruise Altitude: 25000ft
- Cruise Speed: 240kts
- Descent Rate: 1500ft/min
- Descent Speed: 200kts

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                    |
|---------------|--------|------------|-----------|--------------|-------------------------|
| ETSN          | -      | 48.71100   | 0 ft      | -            | NEUBURG                 |
| APT           | -      | 11.21158   | 0 m       |              |                         |
| LAMSI         | -      | 48.65335   | 33,600 ft | 94           | -                       |
| FIX           | -      | 13.58344   | 10,241 m  |              |                         |
| VENEN         | UL175  | 48.56655   | 35,000 ft | 38           | -                       |
| FIX           | AWY-HI | 14.54134   | 10,668 m  |              |                         |
| STO           | UL175  | 48.41714   | 35,000 ft | 59           | STOCKERAU VOR-DME       |
| VOR           | AWY-HI | 16.01859   | 10,668 m  |              |                         |
| WGM           | UM141  | 48.32386   | 35,000 ft | 19           | WAGRAM VOR-DME          |
| VOR           | AWY-HI | 16.49095   | 10,668 m  |              |                         |
| TOVKA         | UM141  | 48.27016   | 35,000 ft | 17           | -                       |
| FIX           | AWY-HI | 16.92632   | 10,668 m  |              |                         |
| OKR           | UM141  | 48.22387   | 35,000 ft | 14           | STEFANIK NORTH NDB      |
| NDB           | AWY-HI | 17.29032   | 10,668 m  |              |                         |
| NIT           | UM991  | 48.29044   | 35,000 ft | 30           | NITRA VOR-DME           |
| VOR           | AWY-HI | 18.05064   | 10,668 m  |              |                         |
| ABITU         | UM991  | 48.33333   | 35,000 ft | 11           | -                       |
| FIX           | AWY-HI | 18.32472   | 10,668 m  |              |                         |
| SLC           | UM991  | 48.45324   | 35,000 ft | 32           | SLIAC VOR-DME           |
| VOR           | AWY-HI | 19.11585   | 10,668 m  |              |                         |
| TAGOD         | UM991  | 48.51083   | 35,000 ft | 20           | -                       |
| FIX           | AWY-HI | 19.61583   | 10,668 m  |              |                         |
| TAKOS         | UM991  | 48.58250   | 35,000 ft | 26           | -                       |
| FIX           | AWY-HI | 20.26667   | 10,668 m  |              |                         |
| KSC           | UM991  | 48.68309   | 35,000 ft | 39           | KOSICE VOR-DME          |
| VOR           | AWY-HI | 21.24817   | 10,668 m  |              |                         |
| MALBE         | UM991  | 48.82389   | 35,000 ft | 45           | -                       |
| FIX           | AWY-HI | 22.37500   | 10,668 m  |              |                         |
| IVF           | UM991  | 48.88466   | 35,000 ft | 91           | IVANO FRANKIVSK VOR-DME |
| VOR           | AWY-HI | 24.68990   | 10,668 m  |              |                         |
| TAKET         | UM991  | 48.96971   | 35,000 ft | 124          | -                       |
| FIX           | AWY-HI | 27.83992   | 10,668 m  |              |                         |
| NM            | UM991  | 48.96639   | 35,000 ft | 39           | NEMYRIV NDB             |
| NDB           | AWY-HI | 28.84826   | 10,668 m  |              |                         |
| REPLI         | UM991  | 48.11810   | 35,000 ft | 168          | -                       |
| FIX           | AWY-HI | 32.88666   | 10,668 m  |              |                         |
| RASPU         | UM991  | 47.24646   | 35,000 ft | 128          | -                       |
| FIX           | AWY-HI | 35.78839   | 10,668 m  |              |                         |
| OLGIN         | UM991  | 46.65833   | 35,000 ft | 75           | -                       |
| FIX           | AWY-HI | 37.42167   | 10,668 m  |              |                         |
| RAMKA         | B494   | 46.49667   | 35,000 ft | 23           | -                       |
| FIX           | AWY-HI | 37.95000   | 10,668 m  |              |                         |
| UBARO         | B494   | 46.26667   | 35,000 ft | 33           | -                       |
| FIX           | AWY-HI | 38.68500   | 10,668 m  |              |                         |
| INSER         | B494   | 46.18139   | 35,000 ft | 12           | -                       |
| FIX           | AWY-HI | 38.95833   | 10,668 m  |              |                         |
| UH            | B494   | 45.85194   | 35,000 ft | 51           | TIKHORETSK NDB          |
| NDB           | AWY-HI | 40.09000   | 10,668 m  |              |                         |
| LEGNA         | B494   | 45.32139   | 35,000 ft | 67           | -                       |
| FIX           | AWY-HI | 41.50500   | 10,668 m  |              |                         |
| TESMI         | B494   | 45.10917   | 35,000 ft | 28           | -                       |
| FIX           | AWY-HI | 42.11250   | 10,668 m  |              |                         |
| LASON         | B450   | 44.69000   | 35,000 ft | 67           | -                       |

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name        |
|---------------|--------|------------|-----------|--------------|-------------|
| FIX           | AWY-HI | 43.59167   | 10,668 m  |              |             |
| TONSO         | B450   | 44.63500   | 35,000 ft | 8            | -           |
| FIX           | AWY-HI | 43.78333   | 10,668 m  |              |             |
| IBOLI         | B450   | 44.06500   | 35,000 ft | 95           | -           |
| FIX           | AWY-HI | 45.87000   | 10,668 m  |              |             |
| KZ            | B450   | 43.83472   | 35,000 ft | 39           | KIZLYAR NDB |
| NDB           | AWY-HI | 46.71389   | 10,668 m  |              |             |
| OLMAT         | B450   | 42.52806   | 35,000 ft | 137          | -           |
| FIX           | AWY-HI | 49.28361   | 10,668 m  |              |             |
| LASKA         | B450   | 42.38500   | 35,000 ft | 14           | -           |
| FIX           | AWY-HI | 49.55333   | 10,668 m  |              |             |
| MARAL         | UB450  | 41.36000   | 35,000 ft | 106          | -           |
| FIX           | AWY-HI | 51.50000   | 10,668 m  |              |             |
| TABAB         | B450   | 40.90333   | 35,000 ft | 57           | -           |
| FIX           | AWY-HI | 52.60833   | 10,668 m  |              |             |
| BIBIM         | B450   | 39.69500   | 35,000 ft | 145          | -           |
| FIX           | AWY-HI | 55.35833   | 10,668 m  |              |             |
| ABEKO         | N644   | 39.57500   | 35,000 ft | 25           | -           |
| FIX           | AWY-HI | 55.89833   | 10,668 m  |              |             |
| KEKAL         | N644   | 39.36833   | 35,000 ft | 43           | -           |
| FIX           | AWY-HI | 56.80833   | 10,668 m  |              |             |
| TABIP         | N644   | 39.00000   | 35,000 ft | 74           | -           |
| FIX           | AWY-HI | 58.33333   | 10,668 m  |              |             |
| BODBA         | N644   | 38.88667   | 35,000 ft | 15           | -           |
| FIX           | AWY-HI | 58.62833   | 10,668 m  |              |             |
| ABDAN         | N644   | 38.59500   | 35,000 ft | 38           | -           |
| FIX           | AWY-HI | 59.36667   | 10,668 m  |              |             |
| MEKOL         | N644   | 37.50000   | 35,000 ft | 140          | -           |
| FIX           | AWY-HI | 62.00000   | 10,668 m  |              |             |
| KENAL         | N644   | 37.05667   | 35,000 ft | 45           | -           |
| FIX           | AWY-HI | 62.77833   | 10,668 m  |              |             |
| LEMOD         | N644   | 36.16667   | 35,000 ft | 90           | -           |
| FIX           | AWY-HI | 64.29167   | 10,668 m  |              |             |
| RESOT         | M696   | 35.92500   | 29,500 ft | 27           | -           |
| FIX           | AWY-LO | 64.77000   | 8,992 m   |              |             |
| SERGO         | M696   | 35.24028   | 21,800 ft | 121          | -           |
| FIX           | AWY-LO | 67.12167   | 6,645 m   |              |             |
| OAIX          | -      | 34.94614   | 0 ft      | 106          | BAGRAM      |
| APT           | -      | 69.26497   | 0 m       |              |             |

## ETSN

Region: GERMANY - MILITARY  
Timezone: EUROPE/BERLIN  
Runways: 1

Elevation: 1,249 ft / 381 m  
Location: 48.711000 11.211400  
Magnetic Var: 3.822 E

## METAR

ETSN 162120Z 03005KT 9999 SCT120 BKN240 15/11 Q1003 BLU+

## TAF

UNKNOWN

## Frequencies

TWR - 122.10 MHz - DONAU TOWER  
APP - 123.30 MHz - DONAU RADAR

GND - 129.85 MHz - DONAU TOWER

## Runways

| Ident | Width | Length   | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|-------|----------|-------------------------|---------|---------------------|-------------------|
| 09    | 98 ft | 9,834 ft | 90.47                   | ASPHALT | 935 ft              | 0 ft              |
|       | 30 m  | 2,998 m  | 86.65                   |         | 285 m               | 0 m               |
| 27    | 98 ft | 9,834 ft | 270.50                  | ASPHALT | 899 ft              | 587 ft            |
|       | 30 m  | 2,998 m  | 266.68                  |         | 274 m               | 179 m             |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 27     | LOC-ILS | INEU  | 109.35 MHz | 18 nm | 270.49                  | -     | 1,249 ft  |
|        |         |       |            | 33 km | 266.67                  |       | 1,249 m   |
| 27     | GS      | INEU  | 109.35 MHz | 10 nm | 270.49                  | 3.01  | 1,249 ft  |
|        |         |       |            | 19 km | 266.67                  |       | 1,249 m   |