

LUEBECK-BLANKENSEE
RWY 07

STANDARD ARRIVAL
ROUTES - INSTRUMENT (STAR)
RNAV (GPS, DME/DME, DME/DME/IRU)

**BOGMU ONE VICTOR
BOGMU 1V**

| Recommended Path Terminator | Waypoint Identifier | Coordinates | Fly Over | (True Track°) MAG Track° | Distance (NM) | Turn Direction | Altitude (ft) / Flight Level | Speed Limit (kt IAS) | Vertical Path Angle (°) | NAV Specification | Remarks |
|-----------------------------|---------------------|------------------------------|----------|-----------------------------|---------------|----------------|------------------------------|----------------------|-------------------------|-------------------|---------|
| IF | BOGMU | N 53 58 45.00 E 010 17 19.66 | - | - | - | - | F110-A4000+ | - | - | RNAV-1 | - |
| TF | HL224 | N 53 53 56.01 E 010 19 22.67 | - | (165.9) 163 | 5.0 | - | - | @220 | - | RNAV-1 | - |
| TF | HL225 | N 53 48 49.87 E 010 18 43.91 | - | (184.3) 182 | 5.1 | - | - | - | - | RNAV-1 | - |
| TF | HL265 | N 53 44 05.50 E 010 21 22.74 | - | (161.7) 159 | 5.0 | - | A3000+ | 210- | - | RNAV-1 | - |

**NOLGO ONE VICTOR
NOLGO 1V**

| Recommended Path Terminator | Waypoint Identifier | Coordinates | Fly Over | (True Track°) MAG Track° | Distance (NM) | Turn Direction | Altitude (ft) / Flight Level | Speed Limit (kt IAS) | Vertical Path Angle (°) | NAV Specification | Remarks |
|-----------------------------|---------------------|------------------------------|----------|-----------------------------|---------------|----------------|------------------------------|----------------------|-------------------------|-------------------|---------|
| IF | NOLGO | N 53 23 48.71 E 010 08 18.03 | - | - | - | - | F110-A4000+ | - | - | RNAV-1 | - |
| TF | HL245 | N 53 39 21.05 E 010 24 00.99 | - | (031.0) 028 | 18.2 | - | - | @220 | - | RNAV-1 | - |
| TF | HL265 | N 53 44 05.50 E 010 21 22.74 | - | (341.7) 339 | 5.0 | - | A3000+ | 210- | - | RNAV-1 | - |

**RARUP ONE VICTOR
RARUP 1V**

| Recommended Path Terminator | Waypoint Identifier | Coordinates | Fly Over | (True Track°) MAG Track° | Distance (NM) | Turn Direction | Altitude (ft) / Flight Level | Speed Limit (kt IAS) | Vertical Path Angle (°) | NAV Specification | Remarks |
|-----------------------------|---------------------|------------------------------|----------|-----------------------------|---------------|----------------|------------------------------|----------------------|-------------------------|-------------------|---------|
| IF | RARUP | N 53 38 30.49 E 010 40 37.20 | - | - | - | - | F110-A4000+ | - | - | RNAV-1 | - |
| TF | HL245 | N 53 39 21.05 E 010 24 00.99 | - | (275.0) 272 | 9.9 | - | - | @220 | - | RNAV-1 | - |
| TF | HL265 | N 53 44 05.50 E 010 21 22.74 | - | (341.7) 339 | 5.0 | - | A3000+ | 210- | - | RNAV-1 | - |

RNAV HOLDING IDENTIFICATION

| Recommended Path Terminator | Holding Fix | Coordinates | Inbound (True Track°) MAG Track° | Speed Limit (kt IAS) | Altitude (ft) / Flight Level | Time / Distance outbound | Turn Direction | Remarks |
|-----------------------------|-------------|------------------------------|-------------------------------------|----------------------|------------------------------|--------------------------|----------------|---------|
| HM | BOGMU | N 53 58 45.00 E 010 17 19.66 | (231.8) 229 | 230- | A4000+/FL110- | 1 min | R | - |
| HM | RARUP | N 53 38 30.49 E 010 40 37.20 | (278.7) 276 | 230- | A4000+/FL110- | 1 min | R | - |
| HM | NOLGO | N 53 23 48.71 E 010 08 18.03 | (007.9) 005 | 230- | A4000+/FL110- | 1 min | L | - |
| HM | HL265 | N 53 44 05.50 E 010 21 22.74 | (071.8) 069 | 230- | A3000+/FL110- | 1 min | R | - |