

## **RNAV STARs at Åre Östersund**

### **GENERAL**

Specified minimum level at waypoints must be adhered to unless specifically cancelled by ATC. When descending on initial approach, noise reductions should be achieved using Low Power, Low Drag operating procedures (LP/LD) by maintaining a "clean" aircraft configuration until the final stage of the approach, provided this is consistent with safe operation of the aircraft.

### **APPROVED USERS, EQUIPMENT AND OPERATIONS**

Operators are required to have a P-RNAV Approval by their authority.

Operators receiving clearance via RNAV STAR and are unable flying P-RNAV, shall inform ATC by using phraseology "UNABLE RNAV STAR". ATC will then provide vectors or provide clearance via conventional STAR.

### **POSITION UPDATE**

RNAV STARs are based on GNSS for position update. Note that DME/DME back-up is not available in this area.

### **RNAV EQUIPMENT FAILURE**

If the airborne RNAV equipment fails or if the GNSS position update is malfunctioning, ATC shall be informed as soon as practicable. ATC will then provide vectors or provide clearance via conventional STAR.

### **RNAV STAR DESCRIPTION**

For each RNAV STAR, there is a description as a list of waypoints in sequence. If there is a speed limit and/or altitude restriction, this will be notified on chart and in the RNAV STAR description.

There is also a description of the database coding to be used by navdatabase suppliers only. The coding is according to ARINC 424 standard.

Note: In order to adapt RNAV STAR coding to certain FMS equipment, a minimum altitude restriction is added at some waypoints where speed restriction is prescribed. These altitudes are marked with an asterisk (\*).

### **RNAV STAR CHART**

If there is an altitude restriction, this is depicted in the chart as follows:

FL100 = At or above FL100

6000 = At or above 6000 ft.

### **WAYPOINT LIST**

A separate list of coordinates in WGS-84 for all waypoints used at Åre Östersund is provided at page AD 2-ESNZ-4-3.