

SUPPLEMENTARY SIDS RILIN 1E PIKAD 1E RIMAX 1E GERMI 1E ABLON 1E ATV 1E
KRO 1E NEVRA 1Y KEPIR 1E VARIX 1E
KEA 1E BIBEX 1E SOREV 1E MANOK 1E
VELOP 1E ASTOV 1E NEMES 1E



ATHINAI/ ELEFThERIOS VENIZELOS AIRPORT
SUPPLEMENTARY SIDs RWY 03R
SAT VOR/DME – ATV VOR/DME
GENERAL

- For these SIDs no turn before intercept RADIAL 047 SAT is permitted.
- When for these SIDs an altitude higher than the transition altitude is designated, then the ATC unit shall specify an equivalent Flight Level.

DESIGNATOR	DESCRIPTION	MAX IAS / BANK ANGLE	MINIMUM CLIMB GRADIENT (PDG)	ALTITUDES
NEVRA 1Y	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KRO. After KRO turn left, intercept and follow RADIAL 013 KRO, proceed to NEVRA and join AWYs G33 or Z507.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,8% (231 FT/NM) up to 10000FT (QNH).	Cross KRO at 7000FT (QNH) or above. Cross NEVRA at 10000FT (QNH) or above.
KEPIR 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KRO. After KRO turn left, intercept and follow RADIAL 032 KRO, proceed to KEPIR and join AWY G8.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,8% (231 FT/NM) up to 8000FT (QNH).	Cross KRO at 7000FT (QNH) or above. Cross KEPIR at 8000FT (QNH) or above.
VARIX 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KRO. After KRO turn right, intercept and follow RADIAL #2 KRO, proceed to VARIX and join AWY L995.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,8% (231 FT/NM) up to 6000FT (QNH).	Cross KRO at 6000FT (QNH) or above.
KRO 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right, proceed to KRO and then as directed by ATC.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 11000FT (QNH).	Cross KRO at 11000FT (QNH) or above.
BIBEX 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KEA. After KEA turn left, intercept and follow RADIAL 125 KEA and proceed to BIBEX.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH).	Cross KEA at 6000FT (QNH) or above.
GENDO 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KEA. After KEA turn left, intercept and follow RADIAL 144 KEA, join AWY L607 and proceed to GENDO.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH).	Cross KEA at 6000FT (QNH) or above. Cross RADIAL 144 /28.8 DME Fix at 10000FT (QNH) or above.
SOREV 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KEA. After KEA intercept and follow RADIAL 164 KEA, proceed to SOREV and join AWY A10.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH).	Cross KEA at 6000FT (QNH) or above. Cross SOREV at 7000FT (QNH) or above.
MANOK 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to KEA. After KEA turn right, intercept and follow RADIAL 207 KEA, join AWY P169 and proceed to MANOK.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH).	Cross KEA at 6000FT (QNH) or above. Cross RADIAL 207 KEA /31 DME Fix at 7000FT (QNH) or above.
KEA 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right proceed to KEA and then as directed by ATC.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 10000FT (QNH).	Cross KEA at 10000FT (QNH) or above.
VELOP 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn left, intercept and follow RADIAL 205 ATV, proceed to VELOP and join AWY B1.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed. 230 KT/25° until the turn at ATV is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross VELOP at 9000FT (QNH) or above.
ASTOV 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn left, intercept and follow RADIAL 242 ATV, proceed to ASTOV and join AWY J61.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross ASTOV at 9000FT (QNH) or above.
NEMES 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV intercept and follow RADIAL 256 ATV, proceed to NEMES and join AWY B34.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross NEMES at 10000FT (QNH) or above.
RILIN 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV intercept and follow RADIAL 271 ATV, proceed to RILIN and join AWY N604.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross RADIAL 271 ATV /26 DME Fix at 7000FT (QNH) or above. Cross RILIN at 10000FT (QNH) or above.
PIKAD 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn right, intercept and follow RADIAL 277 ATV, proceed to PIKAD and join AWY L53.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed. 230 KT/25° until the turn at ATV is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross RADIAL 277 ATV /26 DME Fix at 7000FT (QNH) or above. Cross PIKAD at 9000FT (QNH) or above.
RIMAX 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn right, intercept and follow RADIAL 281 ATV, proceed to RIMAX and join AWY L613.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed. 230 KT/25° until the turn at ATV is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross RADIAL 281 ATV /26 DME Fix at 7000FT (QNH) or above. Cross RIMAX at 12000FT (QNH) or above.
GERMI 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn right, intercept and follow RADIAL 293 ATV, proceed to GERMI and join AWY R19 or L995.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed. 230 KT/25° until the turn at ATV is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 6000FT (QNH).	Cross ATV at 6000FT (QNH) or above. Cross RADIAL 293 ATV /20 DME Fix at 7000FT (QNH) or above. Cross GERMI at 10000FT (QNH) or above.
ABLON 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right and proceed to ATV. After ATV turn right to track 030°, intercept and follow RADIAL 345 ATV, proceed to ABLON and join AWY B1.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed. 230 KT/25° until the turn at ATV is completed.	6,7% (407 FT/NM) up to 3000FT (QNH) then 3,9% (237 FT/NM) up to 7000FT (QNH).	Cross ATV at 7000FT (QNH) or above. Cross ABLON at 10000FT (QNH) or above.
ATV 1E	Climb on RADIAL 047 SAT. At 3000 FT (QNH) or RADIAL 047 SAT/10 DME Fix, whichever comes first, turn right, proceed to ATV and then as directed by ATC.	210 KT/20° until the turn at 3000FT (QNH) or RADIAL 047 SAT/10 DME Fix is completed.	6,7% (407 FT/NM) up to 12000FT (QNH).	Cross ATV at 12000FT (QNH) or above.

PDG	GS (KT)	100	120	140	160	180	200	220	240	260	280
3,8% (231 FT/NM)	ROC (FT/NM)	385	462	539	584	693	770	847	924	1001	1078
3,9% (237 FT/NM)	ROC (FT/NM)	395	474	553	632	711	790	869	948	1027	1106
6,7% (407 FT/NM)	ROC (FT/NM)	678	814	950	1085	1221	1357	1492	1628	1764	1899