

16259

AIRPORT DIAGRAM

AL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

AIRPORT DIAGRAM

16259

DENVER, COLORADO
DENVER INTL (DEN)

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
BE AWARE OF ALL RUNWAY HOLDING INSTRUCTIONS.

SDE-X in use. Operate transponders with altitude reporting mode and ADS-B equipped) enabled on all twys and rwy

RWY 07-25, 08-26, 16L-34R, 16R-34L, 17L-35R, 17R-3
S-116, D-240, 2S-175, 2D-515, 2D/2D2-1085

SW-1; 08 DEC 2016 to 05 JAN 2017

JMPRS TWO DEPARTURE (RNAV)DENVER INTL (DEN)
DENVER, COLORADO**DEPARTURE ROUTE DESCRIPTION****DEPARTING DENVER INTL RUNWAYS 8, 25, 34L, 35R, 35L, 35R:**

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at/below 10000, then on track 154° to TWWIN, then on track 192° to TAIL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at 16000, then on track 165° to cross SKYYY at or below 16000, then on track 138° to cross BHIND at or below 16000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAY 25: Climb heading 263° at or below 230K to intercept course 244° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at 16000, then on track 118° to cross LEVME at 16000, then on track 117° to cross BHIND at or below 16000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAYS 34L, 34R: Climb heading 353° to 5934 at or below 230K, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at 16000, then on track 118° to cross LEVME at 16000, then on track 117° to cross BHIND at or below 16000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAYS 35L, 35R: Climb heading 353° to 5934 then, climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at 16000, then on track 165° to cross SKYYY at or below 16000, then on track 138° to cross BHIND at or below 16000, then on track 174° to JMPRS. Thence

. . . . as depicted. Maintain 16000 or filed lower altitude. Expect filed altitude 10 minutes after departure.

DEPARTING DENVER INTL RUNWAYS 16L, 16R, 17L, 17R:

TAKEOFF RUNWAY 16L: Climb heading 173° to intercept course 149° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 151° to cross LUFSE at 12000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAY 16R: Climb heading 173° to intercept course 146° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 151° to cross LUFSE at 12000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 157° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 151° to cross LUFSE at 12000, then on track 174° to JMPRS. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 152° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 151° to cross LUFSE at 12000, then on track 174° to JMPRS. Thence

. . . . as depicted. Maintain 12000 or filed lower altitude. Expect filed altitude ten minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOF^NRUNWAY 8: Climb heading 083° to 5934, then continue climb heading 083° or as assigned by ATC for RADAR vectors to BAYLR, thence

TAKEOF^NRUNWAY 16L: Climb heading 173° to intercept course 186° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

TAKEOF^NRUNWAY 16R: Climb heading 173° to intercept course 183° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

TAKEOF^NRUNWAY 17L: Climb heading 173° to intercept course 218° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

TAKEOF^NRUNWAY 17R: Climb heading 173° to intercept course 210° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

TAKEOF^NRUNWAY 25: Climb heading 263° to intercept course 242° to cross LOHII at/below 10000, then on track 243° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

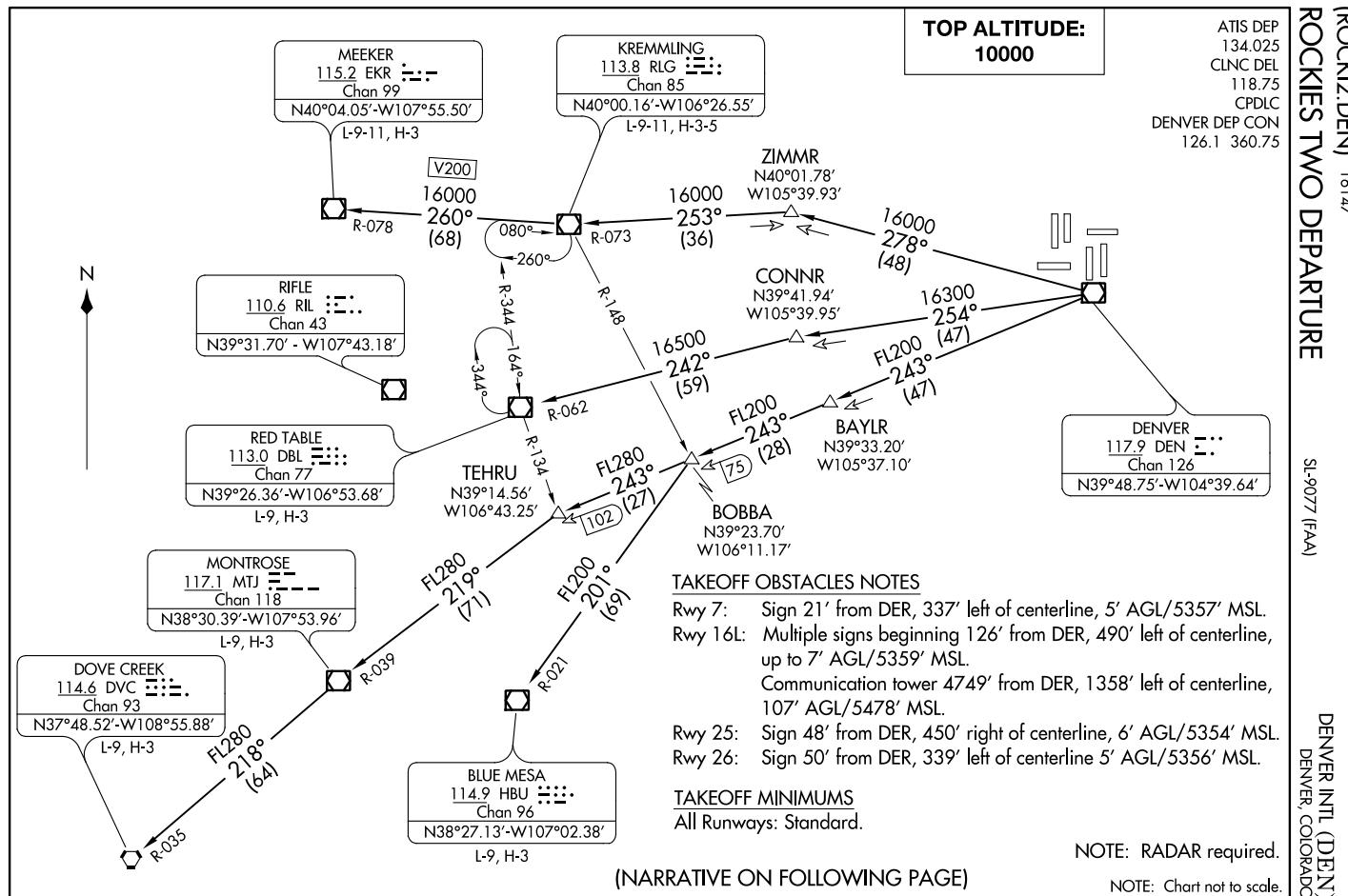
TAKEOF^NRUNWAYS 34L/R, 35L/R: Climb heading 353° to 5934, then climbing left turn direct to cross CRAGR at/below 10000, then on track 229° to HAWPE, then on track 237° to cross TUULO at/above 12000, then on track 237° to cross HLTON at/above 14000, then on track 237° to cross MTSUI at/above 16000, then on track 237° to BAYLR, thence

. . . . as depicted to BOBBA, thence via (transition) maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

BLUE MESA TRANSITION (BAYLR3.HBU)

TEHRU TRANSITION (BAYLR3.TEHRU)

ROCKIES TWO DEPARTURE
(ROCK12.DEN) 13NOV14





DEPARTURE ROUTE DESCRIPTION

TAKEOF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned transition. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS:

If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

AKRON TRANSITION (PLAIN7.AKO): From over DEN VOR/DME via DEN R-065 and AKO R-241 to AKO VOR/DME.

ASHBY TRANSITION (PLAIN7.ASHBY): From over DEN VOR/DME via DEN R-065 and AKO R-241 to AKO VOR/DME, then via AKO R-066 and HCT R-250 to ASHBY INT.

BELKE TRANSITION (PLAIN7.BELKE): From over DEN VOR/DME via DEN R-076 and MCK R-253 to BELKE INT.

CABET TRANSITION (PLAIN7.CABET): From over DEN VOR/DME via DEN R-087 and TXC R-264 to TXC VORTAC, then via TXC R-084 to CABET INT.

GARDEN CITY TRANSITION (PLAIN7.GCK): From over DEN VOR/DME via DEN R-100 and GCK R-309 to GCK VORTAC.

GOODLAND TRANSITION (PLAIN7.GLD): From over DEN VOR/DME via DEN R-087 and TXC R-264 to TXC VORTAC, then via TXC R-092 and GLD R-273 to GLD VORTAC.

HAYES CENTER TRANSITION (PLAIN7.HCT): From over DEN VOR/DME via DEN R-065 and AKO R-241 to AKO VOR/DME, then via AKO R-066 and HCT R-250 to HCT VORTAC.

MCCOOK TRANSITION (PLAIN7.MCK): From over DEN VOR/DME via DEN R-076 to TEKMY INT, then via MCK R-253 to MCK VOR/DME.

THURMAN TRANSITION (PLAIN7.TXC): From over DEN VOR/DME via DEN R-087 and TXC R-264 to TXC VORTAC.

WEEDS TRANSITION (PLAIN7.WEEDS): From over DEN VOR/DME via DEN R-100 to WEEDS INT.

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
126.1 360.75

BAYLR THREE DEPARTURE (RNAV)
(BAYLR3.BOBBA) 13NOV14

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Takeoff Rwy 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R, 25-RADAR required for non-GPS equipped aircraft.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

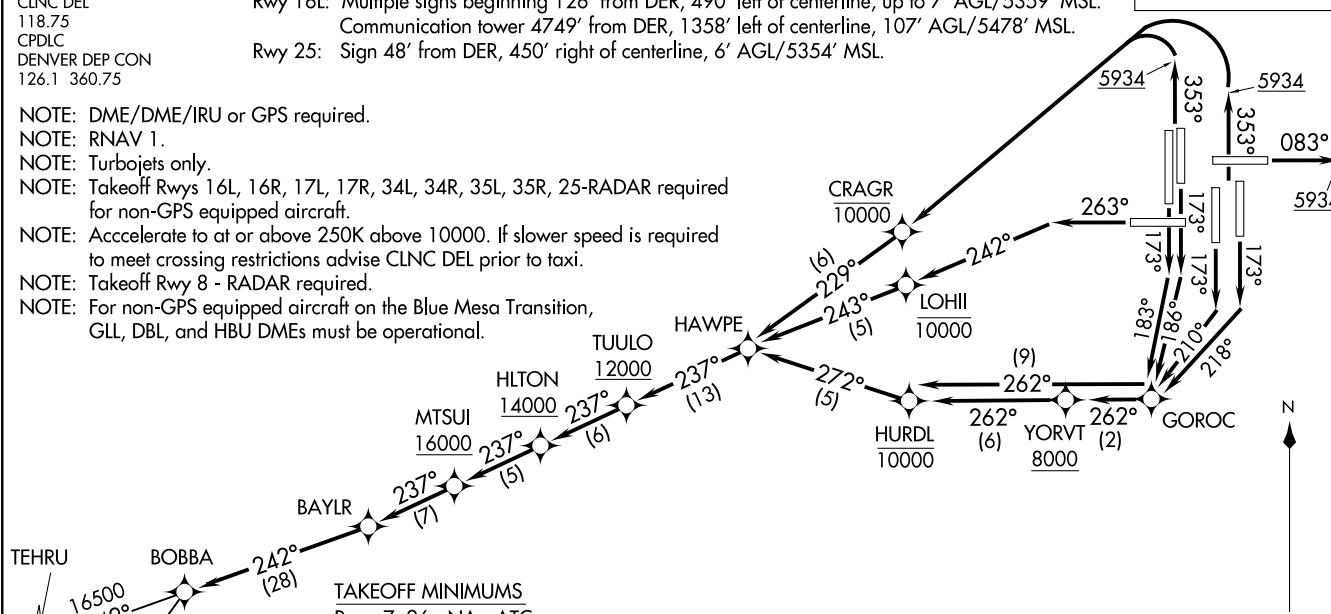
NOTE: Takeoff Rwy 8 - RADAR required.

NOTE: For non-GPS equipped aircraft on the Blue Mesa Transition, GLL, DBL, and HBU DMEs must be operational.

TAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL. Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

**TOP ALTITUDE:
FL230**TAKEOFF MINIMUMS

Rwy 7, 26: NA - ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 5934.

Rwy 16L: Standard with minimum climb of 425' per NM to 5934, then minimum climb of 265' per NM to 16500.

Rwy 16R: Standard with minimum climb of 420' per NM to 5934, then minimum climb of 270' per NM to 16500.

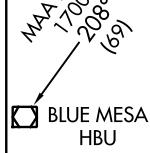
Rwy 17L: Standard with minimum climb of 450' per NM to 6400, then minimum climb of 265' per NM to 16500.

Rwy 17R: Standard with minimum climb of 460' per NM to 7000, then minimum climb of 260' per NM to 16500.

Rwy 25: Standard with minimum climb of 410' per NM to 5934, then minimum climb of 275' per NM to 16500.

Rwys 34L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 265' per NM to 16500.

Rwys 35L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 260' per NM to 16500.



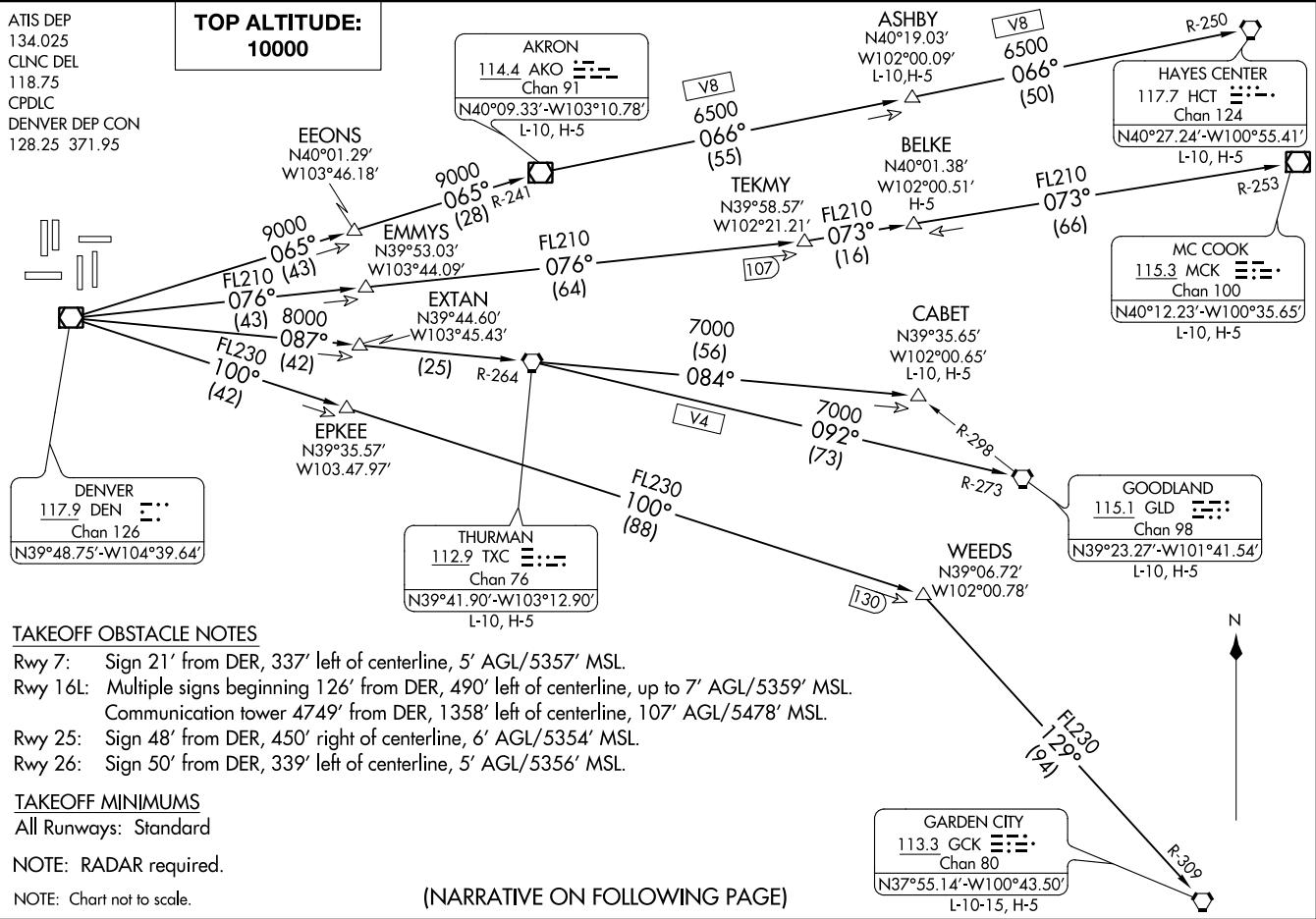
(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

PLAINS SEVEN DEPARTURE
(PLAIN7.DEN) 13NOV14

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
128.25 371.95

TOP ALTITUDE:
10000



TAKEOFF OBSTACLE NOTES

Rwy 7: Sign 21' from DER, 337' left of centerline, 5' AGL/5357' MSL.

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL. Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

Rwy 26: Sign 50' from DER, 339' left of centerline, 5' AGL/5356' MSL.

TAKEOFF MINIMUMS

All Runways: Standard

NOTE: RADAR required

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

YAMMI THREE DEPARTURE (RNAV)DENVER INTL (DEN)
DENVER, COLORADO**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI. Thence. . . .

TAKEOFF RUNWAYS 16L, 16R: Climb heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 342° to SOLLO, then on track 315° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 126° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 315° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 25: Climb heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 342° to SOLLO, then on track 316° to WINDL, then on track 312° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 34L: Climb heading 353° to intercept course 340° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 34R: Climb heading 353° to intercept course 337° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 35L: Climb heading 353° to intercept course 333° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI. Thence. . . .

TAKEOFF RUNWAY 35R: Climb heading 353° to intercept course 328° to cross NKATA at or below 10000, then on track 333° to cross KAYOO at or below 11000, then on track 332° to cross SHEIE at or below 12000, then on track 332° to cross SHICK at or above 12000, then on track 332° to cross KRLNA at or above 16000, then on track 332° to YAMMI. Thence. . . .

. . . .then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKOFF RUNWAY 8: Climb heading 083° to 5934, then continue climb heading 083° or as assigned by ATC for RADAR vectors to PENNEY. Thence. . . .

TAKOFF RUNWAYS 16L/16R, 17L/17R: Climb heading 173° to 5934, then right turn direct to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENNEY. Thence. . . .

TAKOFF RUNWAY 25: Climb heading 263° to intercept 294° course to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENNEY. Thence. . . .

TAKOFF RUNWAYS 34L/34R: Climb heading 353° to 5934, then left turn direct to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENNEY. Thence. . . .

TAKOFF RUNWAY 35L: Climb heading 353° to intercept 279° course to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENNEY. Thence. . . .

TAKOFF RUNWAY 35R: Climb heading 353° to intercept 276° course to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 271° to RALFI, then on track 271° to cross RAPDS at/above 12000, then on track 260° to cross PCKNS at/above 16000, then on track 260° to FOOOT, then on track 261° to PENNEY. Thence. . . .

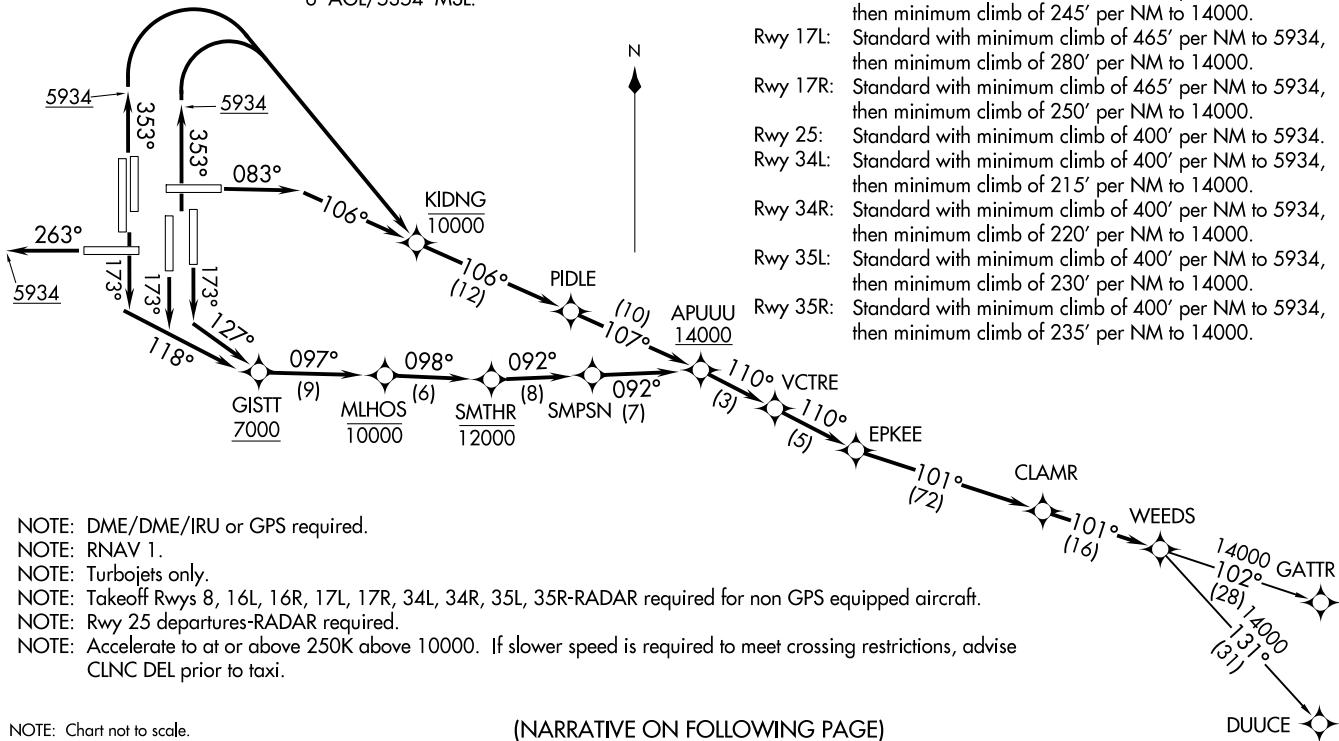
. . . . then on depicted route to RLG VOR/DME. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

EPKEE FOUR DEPARTURE (RNAV)
(EPKEE4.WEEDS) 15SEP16

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
128.25 371.95

TAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.
Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

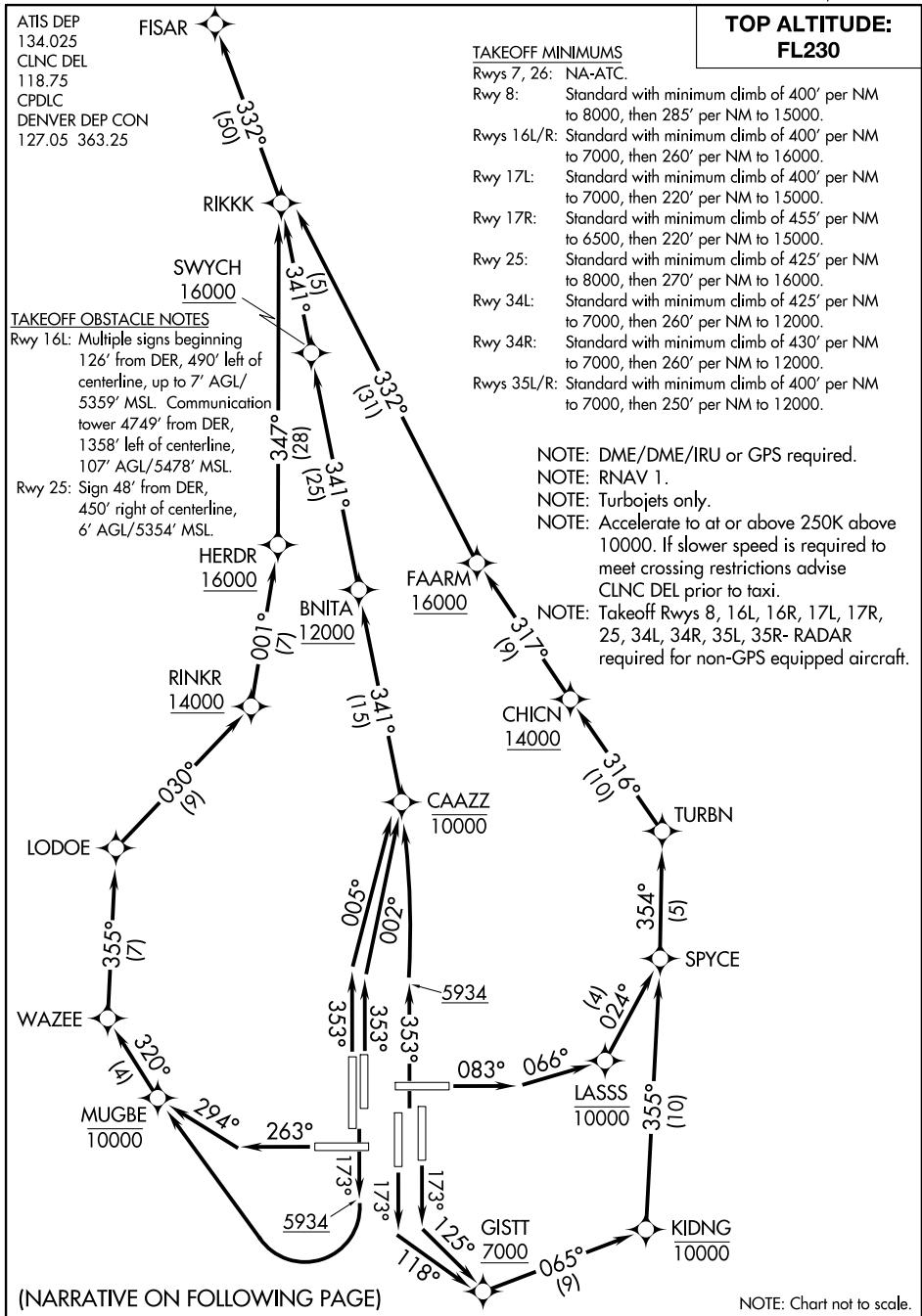


(RIKKK3.FISAR) 16147

RIKKK THREE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO



RIKKK THREE DEPARTURE (RNAV)

(RIKKK3.FISAR) 13NOV14

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to 5934, then continue climb heading 083° or as assigned by ATC for RADAR vectors to CONNR. Thence

TAKEOFF RUNWAY 16L: Climb heading 173° to intercept course 186° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

TAKEOFF RUNWAY 16R: Climb heading 173° to intercept course 183° to GOROC, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 218° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 210° to GOROC, then on track 262° to cross YORVT at/above 8000, then on track 262° to cross HURDL at/below 10000, then on track 272° to HAWPE, then on track 271° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

TAKEOFF RUNWAY 25: Climb heading 263° to 5934, then direct to cross WRIPS at/below 10000, then on track 262° to MYALE, then on track 246° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

TAKEOFF RUNWAYS 34L/R, 35L/R: Climb heading 353° to 5934, then climbing left turn direct to cross YOBUB at/below 10000, then on track 246° to MYALE, then on track 246° to TUNNN, then on track 247° to cross TAVRN at/above 12000, then on track 247° to cross BRNKO at/above 14000, then on track 246° to cross TEEBO at/above 16000, then on track 247° to CONNR. Thence

. . . . on depicted route to DBL VOR/DME. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOF^N RUNWAY 8: Climb heading 083° to 5934, then continue climb heading 083° or as assigned by ATC for RADAR vectors to COORZ, thence. . . .

TAKEOF^N RUNWAYS 16L/16R, 17L/17R: Climb heading 173° to 5934, then right turn direct FOAMS, then on track 274° to cross BERRS at/below 10000, then on track 271° to MYALE, then on track 278° to HADDA, then on track 278° to cross IPALE at/above 12000, then on track 254° to cross MOLSN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOF^N RUNWAY 25: Climb heading 263° to intercept course 294° to cross MUGBE at/below 10000, then on track 291° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOF^N RUNWAYS 34L/34R: Climb heading 353° to 5934, then left turn direct to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOF^N RUNWAY 35L: Climb heading 353° to intercept course 279° to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

TAKEOF^N RUNWAY 35R: Climb heading 353° to intercept 276° to cross LINGR at/below 10000, then on track 265° to cross CRONA at/below 11000, then on track 253° to OBARS, then on track 254° to cross IPALE at/above 12000, then on track 254° to cross MOLSN at/above 14000, then on track 253° to cross BULLT at/above 16000, then on track 253° to COORZ, thence. . . .

. . . . on depicted route to VOAXA. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 066° to cross ROYYL at or below 10000, then on track 066° to cross SHOBO at or below 12000, then on track 074° to cross LUPTN at or above 14000, thence

TAKEOFF RUNWAYS 16L, 16R, 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 054° to KAYGG, then on track 055° to cross LUPTN at or above 14000, thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 054° to KAYGG, then on track 055° to cross LUPTN at or above 14000, thence

TAKEOFF RUNWAY 25: Climb heading 263° to 5934, then continue climb heading 263° or as assigned by ATC for RADAR vectors to EEONS, thence

TAKEOFF RUNWAYS 34L, 34R: Climb heading 353° to intercept course 059° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 077° to cross SHOBO at or below 12000, then on track 074° to cross LUPTN at or above 14000, thence

TAKEOFF RUNWAY 35L: Climb heading 353° to intercept course 025° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 077° to cross SHOBO at or below 12000, then on track 074° to cross LUPTN at or above 14000, thence

TAKEOFF RUNWAY 35R: Climb heading 353° to intercept course 017° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 077° to cross SHOBO at or below 12000, then on track 074° to cross LUPTN at or above 14000, thence

. . . . on depicted route to WYNDM. Maintain FL230 or lower filed altitude. Expect higher filed altitude 10 minutes after departure.

BRYCC THREE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

TAKEOFF MINIMUMS

Rwy 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 405' per NM to 8000, then 285' per NM to 16000.

Rwys 16L/R: Standard with minimum climb of 400' per NM to 7000, then 260' per NM to 15000.

Rwy 17L: Standard with minimum climb of 455' per NM to 6500, then 220' per NM to 16000.

Rwy 17R: Standard with minimum climb of 460' per NM to 6500, then 220' per NM to 15000.

Rwy 25: Standard with minimum climb of 425' per NM to 8000, then 270' per NM to 16000.

Rwys 34L/R: Standard with minimum climb of 440' per NM to 8000, then 280' per NM to 13000.

Rwy 35L: Standard with minimum climb of 400' per NM to 7000, then 270' per NM to 13000.

Rwy 35R: Standard with minimum climb of 400' per NM to 7000, then 275' per NM to 13000.

NOTE: Takeoff Rwy 8, 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R- RADAR required for non-GPS equipped aircraft.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

TAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL. Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

TOP ALTITUDE:
FL230

TAYOT
009° (78)
DENVER DEP CON 127.05 363.25
GND CON 121.85 377.1
(Rwys 8/26, 17L-R/35L-R) 127.5 379.175
(Rwys 7/25, 16L-R/34L-R) CLNC DEL 118.75 CPDLC

BRYCC
008° (5)
HOOGG 16000

BBRWN 023° (13)
003° (26)

TAGKO 16000 007° (23)
KKIMM 16000

CCLYD 13000 355° (7)
CHICN 14000

RINKR 14000 024° (8)
TURBN 354° (5)

LODOE 030° (5)
SPYCE 355° (2)

WAZEE 355° (7)
GINTH 11000

MUGBE 10000 005° (14)
LASSS 10000 024° (4)

CAAZZ 10000 002° (15)
353° (11)

5934 353° (10)
083° (9)

5934 353° (8)
066° (8)

173° (7)
173° (6)

173° (5)
127° (4)

118° (3)
065° (9)

GISTT 7000 065° (8)
KIDNG 10000

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

BRYCC THREE DEPARTURE (RNAV)

(BRYCC3.TAYOT) 13NOV14

DENVER, COLORADO

DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIL, then on track 202° to cross FIGTR at or above 14000, then on track 209° to cross LOADD at or above 16000, then on track 226° to SOLAR. Thence

TAKEOFF RUNWAY 16L: Climb heading 173° to 5934 direct BOGEI, then on track 174° to cross IIINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence

TAKEOFF RUNWAY 16R: Climb heading 173° to 5934, then climbing right turn direct BOGEI, then on track 174° to cross IIINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 197° to BOGEI, then on track 174° to cross IIINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 188° to BOGEI, then on track 174° to cross IIINN at or below 10000, then on track 175° to cross SIGHT at or below 12000, then on track 175° to cross WEPNS at or above 12000, then on track 195° to cross LOCKD at or above 14000, then on track 226° to cross ONNNN at or above 15000, then on track 226° to SOLAR. Thence

TAKEOFF RUNWAY 25: Climb heading 263° at or below 230K to intercept course 243° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 177° to cross RKYMT at or above 16000, then on track 202° to cross HIGHH at or above 17000, then on track 212° to SOLAR. Thence

TAKEOFF RUNWAYS 34L, 34R: Climb heading 353° to 5934 at or below 230K, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 177° to cross RKYMT at or above 16000, then on track 202° to cross HIGHH at or above 17000, then on track 212° to SOLAR. Thence

TAKEOFF RUNWAYS 35L, 35R: Climb heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIL, then on track 202° to cross FIGTR at or above 14000, then on track 209° to cross LOADD at or above 16000, then on track 226° to SOLAR. Thence

. . . . on depicted route to DAAYE. Maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

16259

DENVER NINE DEPARTURE

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
127.05 363.25

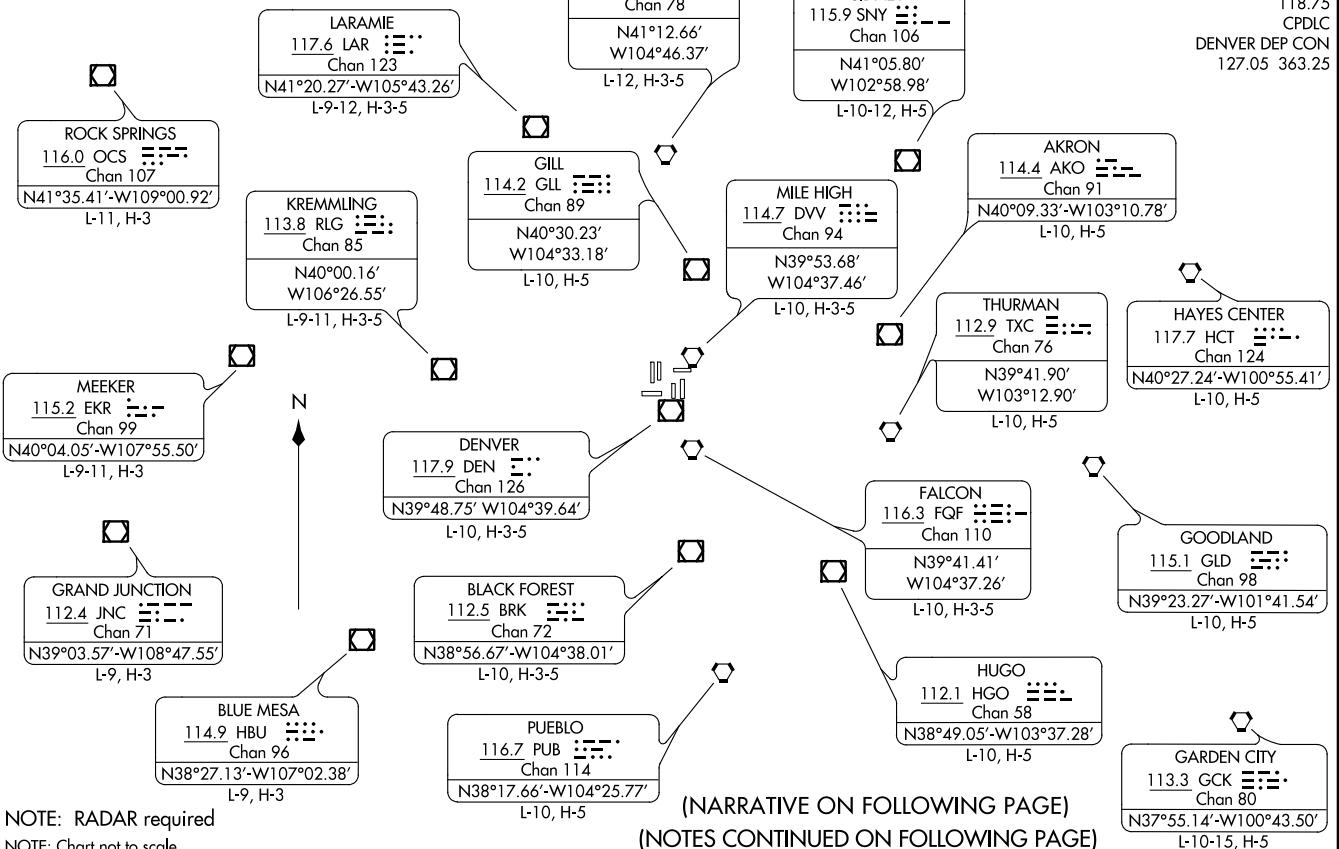
TOP ALTITUDE:
10000

SW-1, 08 DEC 2016 to 05 JAN 2017

15SEP16

DENVER NINE DEPARTURE

TAKEOFF MINIMUMS
All runways standard.

DENVER, COLORADO
DENVER INTL (DEN)

SW-1, 08 DEC 2016 to 05 JAN 2017

**TOP ALTITUDE:
FL230**

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

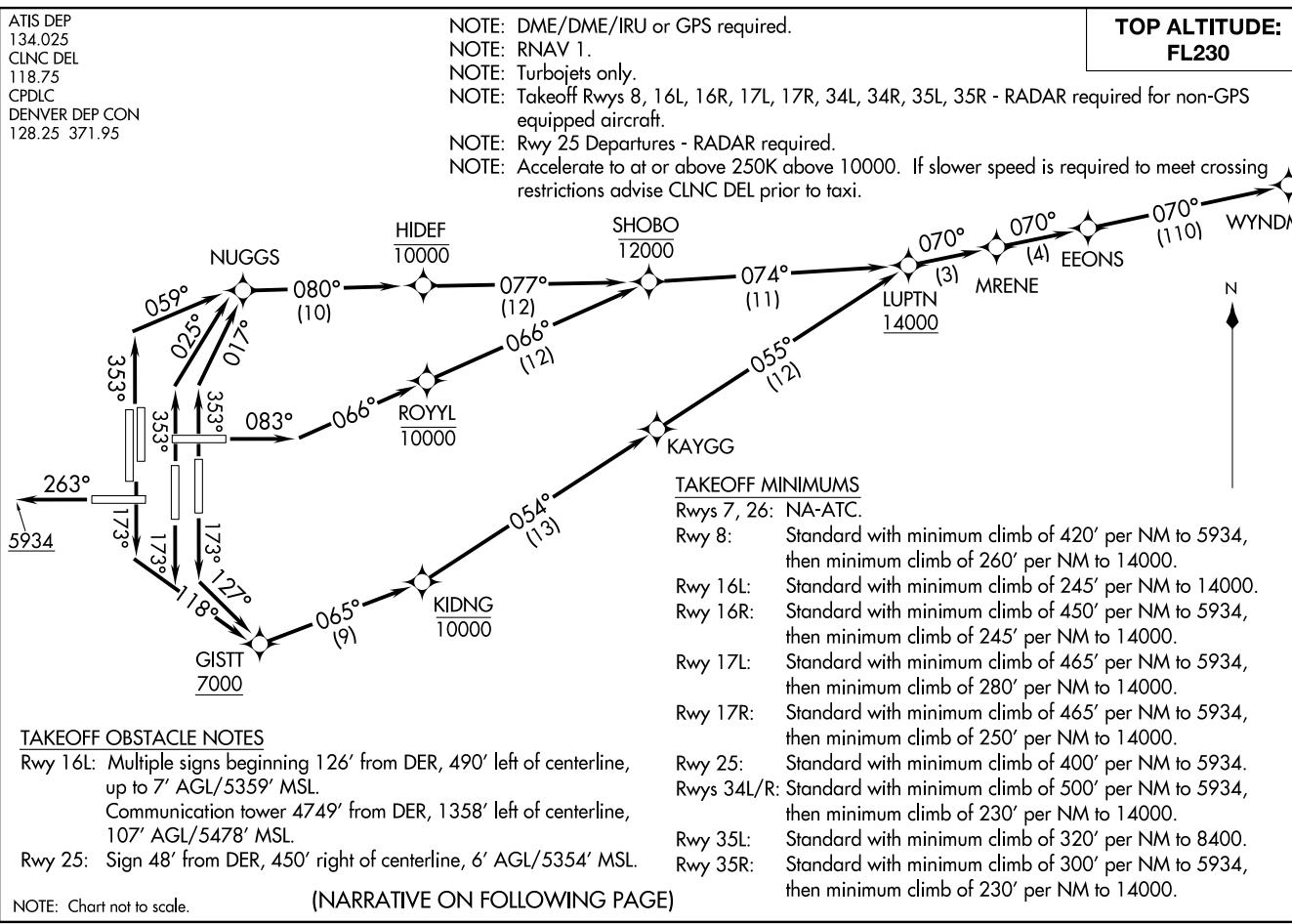
NOTE: Takeoff Rwy 8, 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R - RADAR required for non-GPS equipped aircraft.

NOTE: Rwy 25 Departures - RADAR required.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
128.25 371.95

EEONS FIVE DEPARTURE (RNAV)
(EEONS5 WYNDM) 20AUG15



YELLOWSTONE NINE DEPARTUREDENVER INTL (DEN)
DENVER, COLORADO**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned transition. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

CHEYENNE TRANSITION (YELLO9.CYS): From over DEN VOR/DME via DEN R-349 and CYS R-163 to CYS VORTAC.

HANKI TRANSITION (YELLO9.HANKI): From over DEN VOR/DME via DEN R-015 and GLL R-034 to HANKI INT.

LARAMIE TRANSITION (YELLO9.LAR): From over DEN VOR/DME via DEN R-334 and LAR R-125 to LAR VOR/DME.

MEDICINE BOW TRANSITION (YELLO9.MBW): From over DEN VOR/DME via DEN R-334 and MBW R-133 to MBW VOR/DME.

NATTI TRANSITION (YELLO9.NATTI): From over DEN VOR/DME via DEN R-334 and LAR R-125 to LAR VOR/DME, then via LAR R-273 to NATTI INT.

RAPID CITY TRANSITION (YELLO9.RAP): From over DEN VOR/DME via DEN R-359 and GLL R-174 to GLL VOR/DME, then via GLL R-005 and RAP R-186 to RAP VORTAC.

SCOTTSBLUFF TRANSITION (YELLO9.BFF): From over DEN VOR/DME via DEN R-015 and BFF R-191 to BFF VORTAC.

JMPRS TWO DEPARTURE (RNAV)

SL-9077 (FAA)

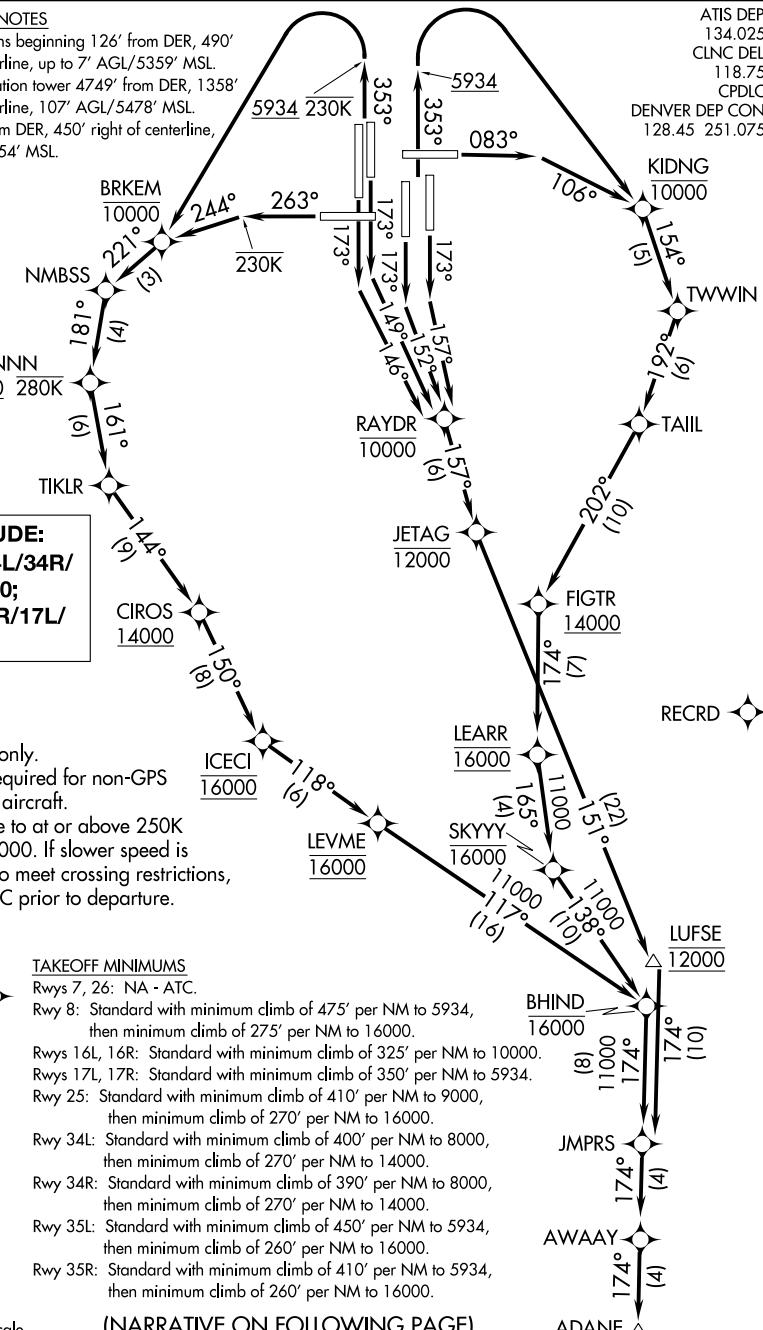
DENVER INTL (DEN)
DENVER, COLORADOTAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.

Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
128.45 251.075



(NARRATIVE ON FOLLOWING PAGE)

JMPRS TWO DEPARTURE (RNAV)

(JMPRS2.ADANE) 13NOV14

DENVER, COLORADO
DENVER INTL (DEN)

(COORZ3.VOAXA) 16147

COORZ THREE DEPARTURE (RNAV)

SI-9077 (FAA)

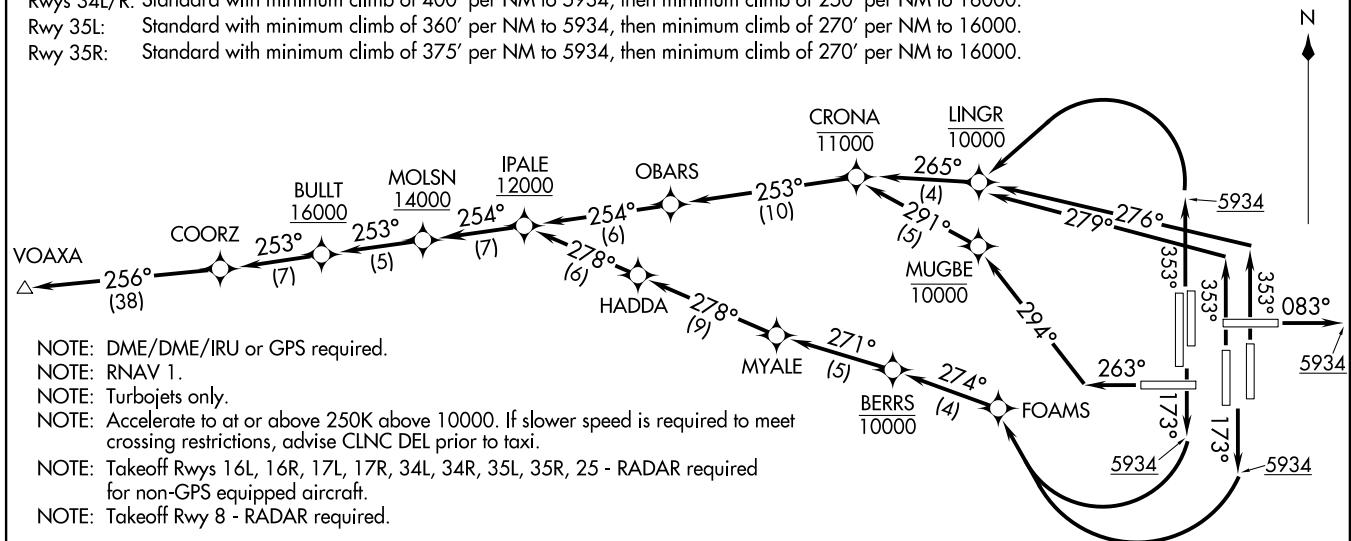
DENVER INIT(DEN)
DENVER, COLORADO

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
126.1 360.75

TOP ALTITUDE:
FL230

COORZ THREE DEPARTURE (RNAV)
(COORZ3.VOAXA) 13NOV14**TAKEOFF MINIMUMS**

- Rwys 7, 26: NA-ATC.
- Rwy 8: Standard with minimum climb of 400' per NM to 5934.
- Rwy 16L: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 240' per NM to 16000.
- Rwy 16R: Standard with minimum climb of 480' per NM to 5934, then minimum climb of 245' per NM to 16000.
- Rwys 17L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 240' per NM to 16000.
- Rwy 25: Standard with minimum climb of 425' per NM to 5934, then minimum climb of 260' per NM to 16000.
- Rwys 34L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 250' per NM to 16000.
- Rwy 35L: Standard with minimum climb of 360' per NM to 5934, then minimum climb of 270' per NM to 16000.
- Rwy 35R: Standard with minimum climb of 375' per NM to 5934, then minimum climb of 270' per NM to 16000.



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R, 25 - RADAR required for non-GPS equipped aircraft.

NOTE: Takeoff Rwy 8 - RADAR required.

TAKEOFF OBSTACLE NOTESRwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DENVER, COLORADO
DENVER INTL (DEN)

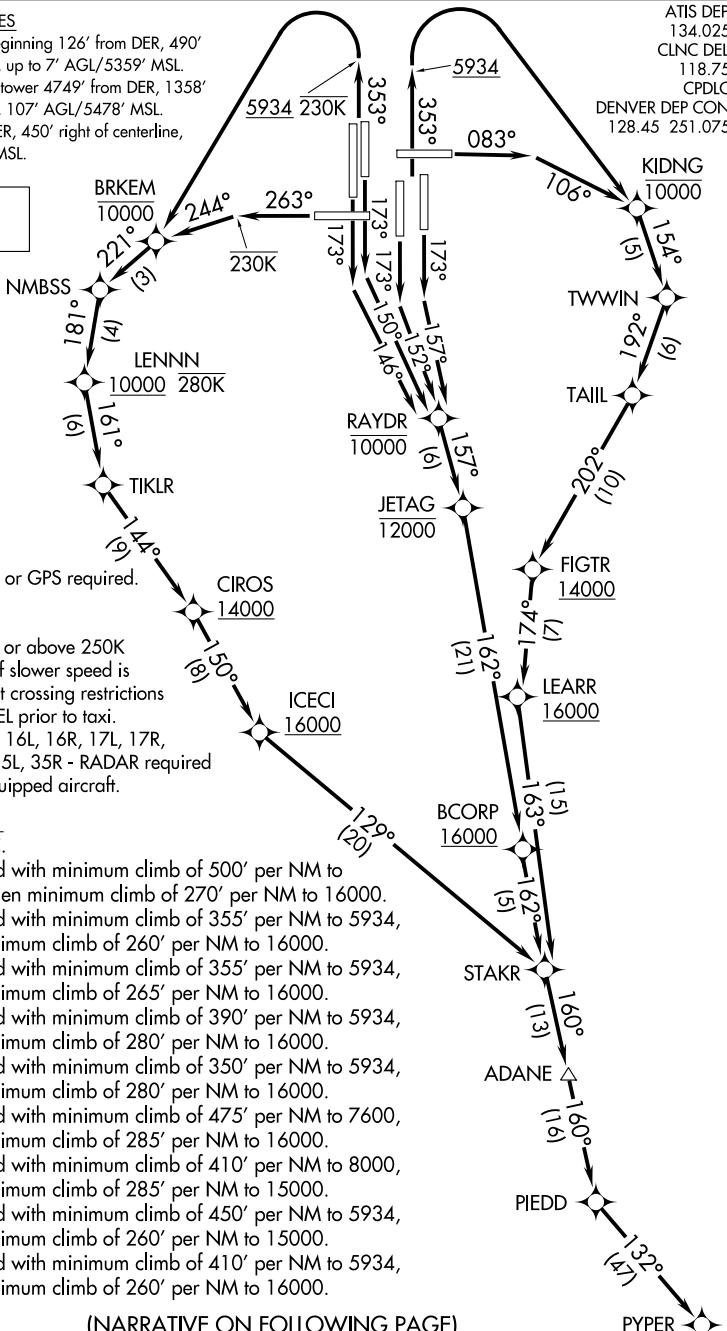
STAKR THREE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL(DEN)
DENVER, COLORADO

TAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
 Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.
 Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

TOP ALTITUDE:
FL230

(NARRATIVE ON FOLLOWING PAGE)

SPAZZ THREE DEPARTURE (RNAV)DENVER INTL (DEN)
DENVER, COLORADO**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIIL, then on track 202° to cross FIGTR at or above 14000, then on track 199° to cross SUUPR at or above 16000, then on track 192° to SPAZZ. Thence

TAKEOFF RUNWAY 16L: Climb heading 173° to intercept course 149° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ. Thence

TAKEOFF RUNWAY 16R: Climb heading 173° to intercept course 146° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 157° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 152° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 182° to JEPPC, then on track 190° to SPAZZ. Thence

TAKEOFF RUNWAY 25: Climb heading 263° at or below 230K to intercept course 244° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280 KIAS, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 169° to SPAZZ. Thence

TAKEOFF RUNWAYS 34L/R: Climb heading 353° to 5934 at or below 230K, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° to cross LENNN at or above 10000 at or below 280K, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 169° to SPAZZ. Thence

TAKEOFF RUNWAYS 35L/R: Climb heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIIL, then on track 202° to cross FIGTR at or above 14000, then on track 199° to cross SUUPR at or above 16000, then on track 192° to SPAZZ. Thence

. . . . as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

JOPLN TRANSITION (SPAZZ3.JOPLN)

TOBE TRANSITION (SPAZZ3.TBE)

ZAPAA TRANSITION (SPAZZ3.ZAPAA)

YOKES FIVE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 8000, then 285' per NM to 16000.

Rwys 16L, 16R: Standard with minimum climb of 400' per NM to 7000, then 260' per NM to 16000.

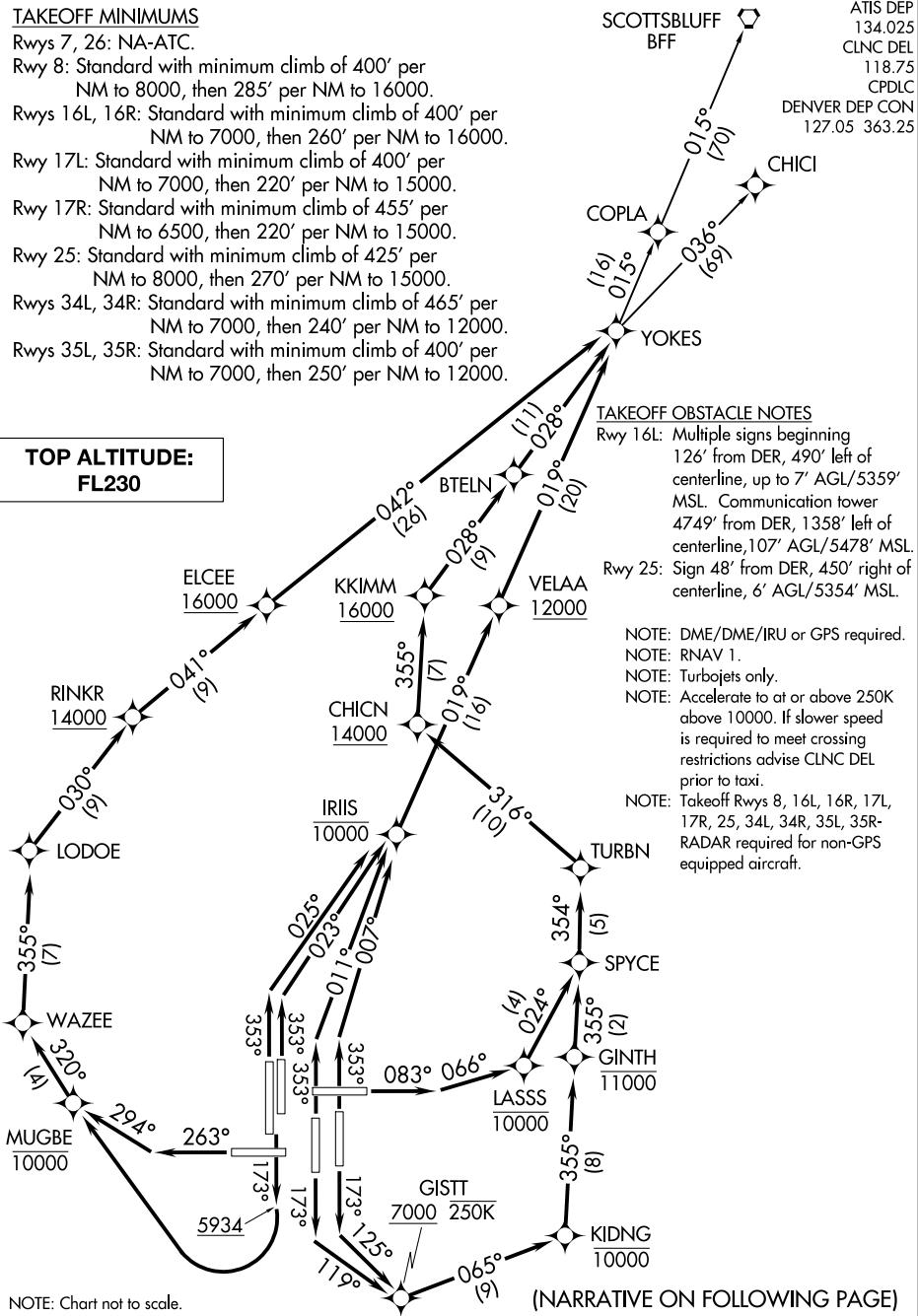
Rwy 17L: Standard with minimum climb of 400' per NM to 7000, then 220' per NM to 15000.

Rwy 17R: Standard with minimum climb of 455' per NM to 6500, then 220' per NM to 15000.

Rwy 25: Standard with minimum climb of 425' per NM to 8000, then 270' per NM to 15000.

Rwys 34L, 34R: Standard with minimum climb of 465' per NM to 7000, then 240' per NM to 12000.

Rwys 35L, 35R: Standard with minimum climb of 400' per NM to 7000, then 250' per NM to 12000.

TOP ALTITUDE:
FL230

YOKES FIVE DEPARTURE (RNAV)

(YOKES5.YOKES) 31MAR16

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOF^NRUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at/above 14000, thence

TAKEOF^NRUNWAYS 16L, 16R, 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence

TAKEOF^NRUNWAY 17L: Climb heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence

TAKEOF^NRUNWAY 25: Climb heading 263° to 5934, then continue climb heading 263° or as assigned by ATC for RADAR vectors to EXTAN, thence

TAKEOF^NRUNWAYS 34L, 34R, 35L, 35R: Climb heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at or above 14000, thence

. . . . on depicted route to SHAYK. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned transition. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

ALAMOSA TRANSITION (PIKES8.ALS): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to ALS VORTAC.

BINKE TRANSITION (PIKES8.BINKE): From over DEN VOR/DME on DEN R-197 to TEHEV, then on ALS R-002 to BINKE.

PUEBLO TRANSITION (PIKES8.PUB): From over DEN VOR/DME on DEN R-159 to ADANE, then on PUB R-354 to PUB VORTAC.



DEPARTURE ROUTE DESCRIPTION

TAKEOFRUNWAY 8: Climb heading 083° to 5934, then direct to cross TIGHT at or below 10000, then on track 082° to cross HAAHN at or below 12000, then on track 082° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFRUNWAYS 16L, 16R, 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR , then on track 077° to EMMYS, thence. . . .

TAKEOFRUNWAY 17L: Climb heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFRUNWAY 25: Climb heading 263° to 5934, then continue climb heading 263° or as assigned by ATC for RADAR vectors to EMMYS, thence. . . .

TAKEOFRUNWAYS 34L, 34R: Climb heading 353° to intercept course 059° to NUGGS then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFRUNWAY 35L: Climb heading 353° to intercept course 025° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

TAKEOFRUNWAY 35R: Climb heading 353° to intercept course 018° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

. . . .on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOF^N RUNWAY 8: Climb heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKMM at or above 16000, then on track 028° to BTELN, then on track 028° to YOKES. Thence. . . .

TAKEOF^N RUNWAYS 16L, 16R: Climb heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 041° to cross ELCEE at or above 16000, then on track 042° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 17L: Climb heading 173° to intercept course 125° to cross GISTT at or above 7000 and at/below 250K, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKMM at or above 16000, then on track 028° to BTELN, then on track 028° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 17R: Climb heading 173° to intercept course 119° to cross GISTT at or above 7000 and at/below 250K, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKMM at or above 16000, then on track 028° to BTELN, then on track 028° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 25: Climb heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 041° to cross ELCEE at or above 16000, then on track 042° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 34L: Climb heading 353° to intercept course 025° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 34R: Climb heading 353° to intercept course 023° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 35L: Climb heading 353° to intercept course 011° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES. Thence. . . .

TAKEOF^N RUNWAY 35R: Climb heading 353° to intercept course 007° to cross IRIIS at or below 10000, then on track 019° to cross VELAA at or above 12000, then on track 019° to YOKES. Thence. . . .

. . . .then as depicted. Maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

CHICI TRANSITION (YOKES5.CHICI)

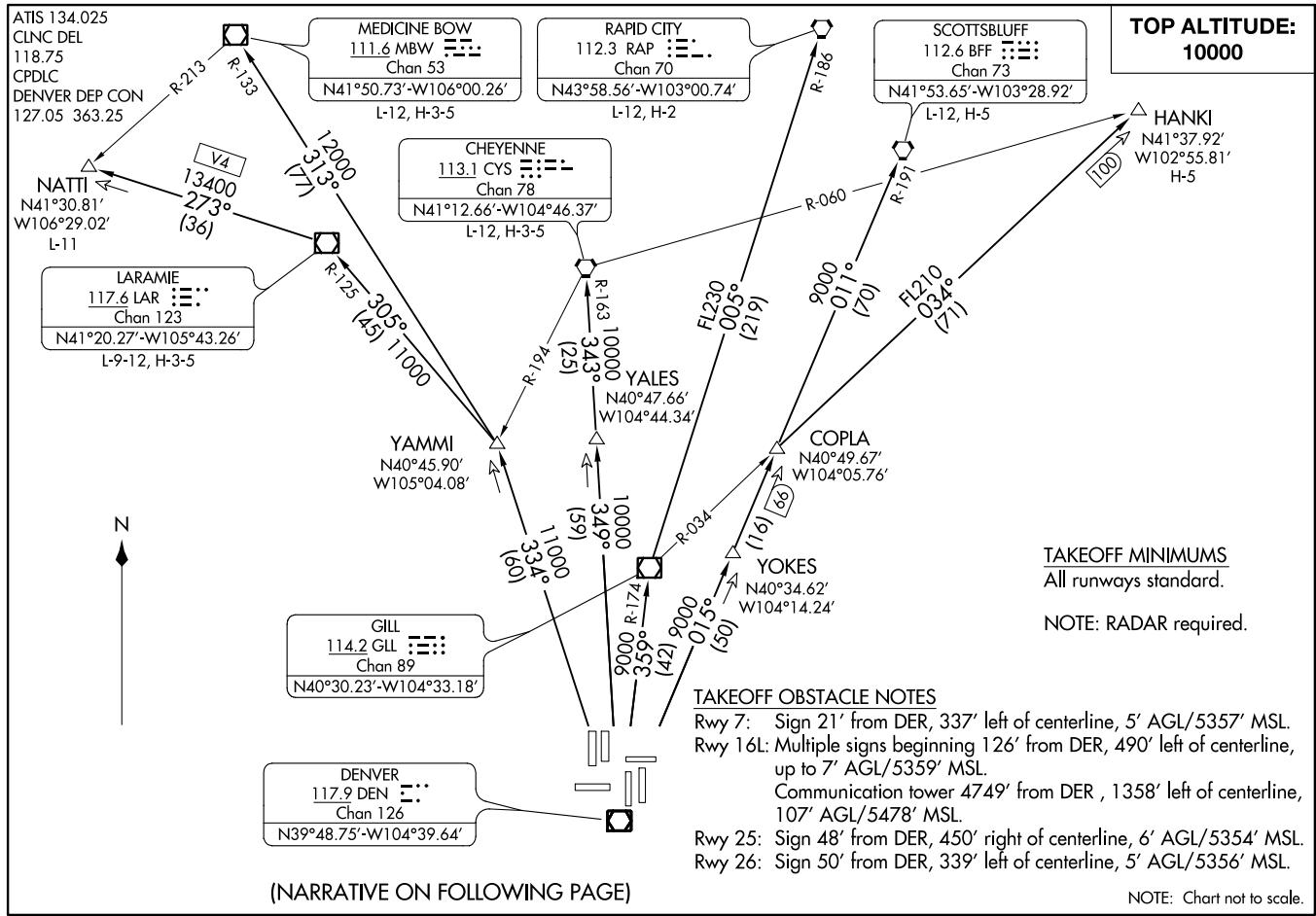
SCOTTSBLUFF TRANSITION (YOKES5.BFF)

TOP ALTITUDE:

10000

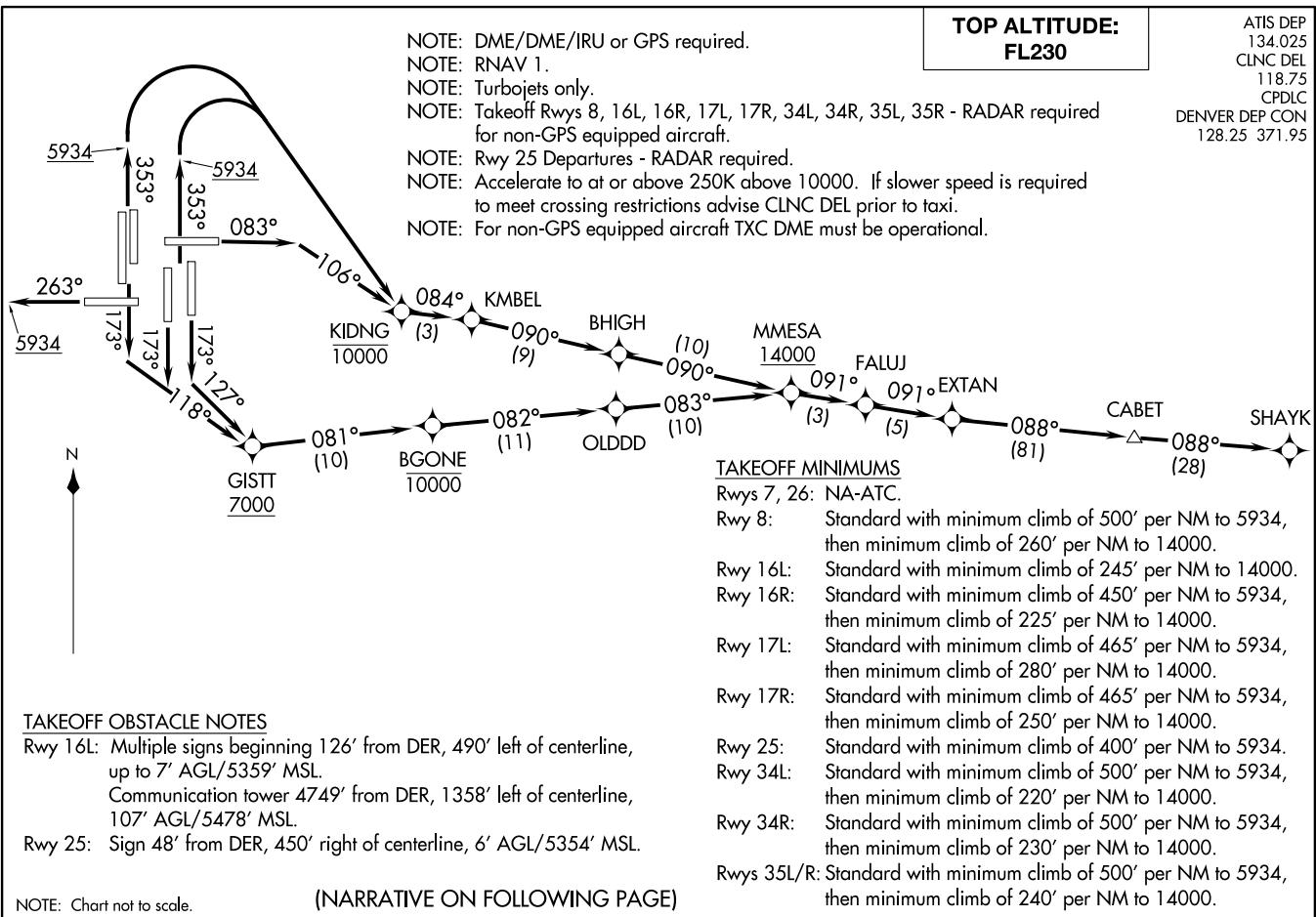
YELLOWSTONE NINE DEPARTURE

(YELLOW9.DEN) 13NOV14

DENVER, COLORADO
DENVER INTL (DEN)**YELLOWSTONE NINE DEPARTURE**

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

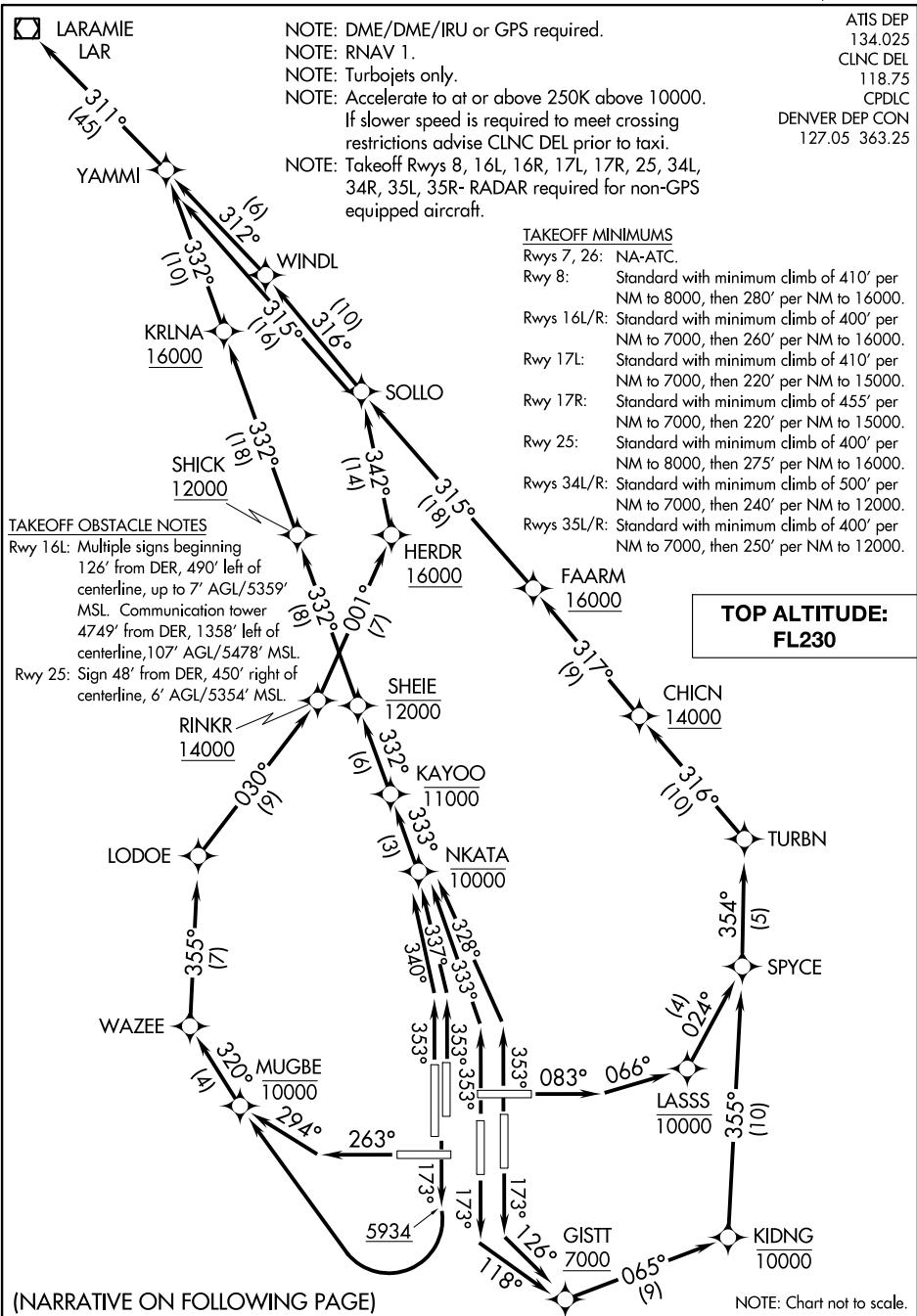
EXTAN FOUR DEPARTURE (RNAV)
(EXTAN4.SHAYK) 13NOV14DENVER, COLORADO (DEN)
DENVER INT'L (DEN)
DENVER, COLORADODENVER INT'L (DEN)
DENVER, COLORADO

SI-9077 (FAA)

(EXTAN4.SHAYK) 16147

YAMMI THREE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 106° to PIDLE, then on track 107° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAYS 16L, 16R, 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 097° to cross MLHOS at or below 10000, then on track 098° to cross SMTHR at or below 12000, then on track 092° to SMPSN, then on track 092° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 097° to cross MLHOS at or below 10000, then on track 098° to cross SMTHR at or below 12000, then on track 092° to SMPSN, then on track 092° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

TAKEOFF RUNWAY 25: Climb heading 263° to 5934, then continue climb heading 263° or as assigned by ATC for RADAR vectors to EPKEE, thence. . . .

TAKEOFF RUNWAYS 34L, 34R, 35L, 35R: Climb heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 106° to PIDLE, then on track 107° to cross APUUU at or above 14000, then on track 110° to VCTRE, then on track 110° to EPKEE, thence. . . .

. . . . on depicted route to WEEDS, then via (transition). Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

DUUCE TRANSITION (EPKEE4.DUUCE)

GATTR TRANSITION (EPKEE4.GATTR)

(SOLAR3.DAAYE) 16147

SOLAR THREE DEPARTURE (RNAV)

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

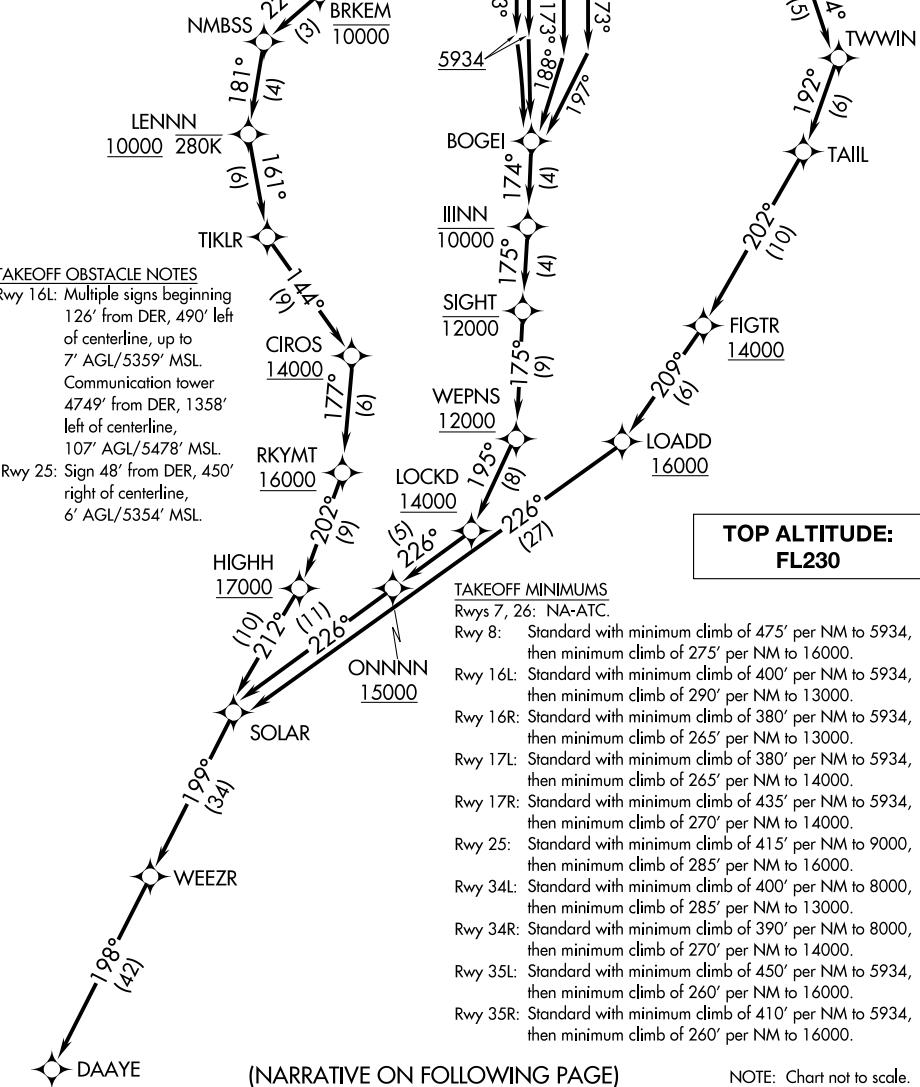
NOTE: Accelerate to or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.

NOTE: Turbojets only.

NOTE: Takeoff Rwy 8, 16L, 16R, 17L, 17R, 25, 34L, 34R, 35L, 35R-RADAR required for non-GPS equipped aircraft.

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
128.45 251.075

DENVER INTL (DEN)
DENVER, COLORADO



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SOLAR THREE DEPARTURE (RNAV)
(SOLAR3.DAAYE) 13NOV14

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned transition. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

BLUE MESA TRANSITION (ROCKI2.HBU): From over DEN VOR/DME via DEN R-243 and HBU R-021 to HBU VOR/DME.

DOVE CREEK TRANSITION (ROCKI2.DVC): From over DEN VOR/DME via DEN R-243 and MTJ R-039 to MTJ VOR/DME, then via MTJ R-218 and DVC R-035 to DVC VORTAC.

KREMMLING TRANSITION (ROCKI2.RLG): From over DEN VOR/DME via DEN R-278 and RLG R-073 to RLG VOR/DME.

MEEKER TRANSITION (ROCKI2.EKR): From over DEN VOR/DME via DEN R-278 and RLG R-073 to RLG VOR/DME, then via RLG R-260 and EKR R-078 to EKR VOR/DME.

MONTROSE TRANSITION (ROCKI2.MTJ): From over DEN VOR/DME via DEN R-243 and MTJ R-039 to MTJ VOR/DME.

RED TABLE TRANSITION (ROCKI2.DBL): From over DEN VOR/DME via DEN R-254 and DBL R-062 to DBL VOR/DME.

CONN THREE DEPARTURE (RNAV)
(CONN.R3.DBL) 13NOV14**TAKEOFF OBSTACLE NOTES**

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
 Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

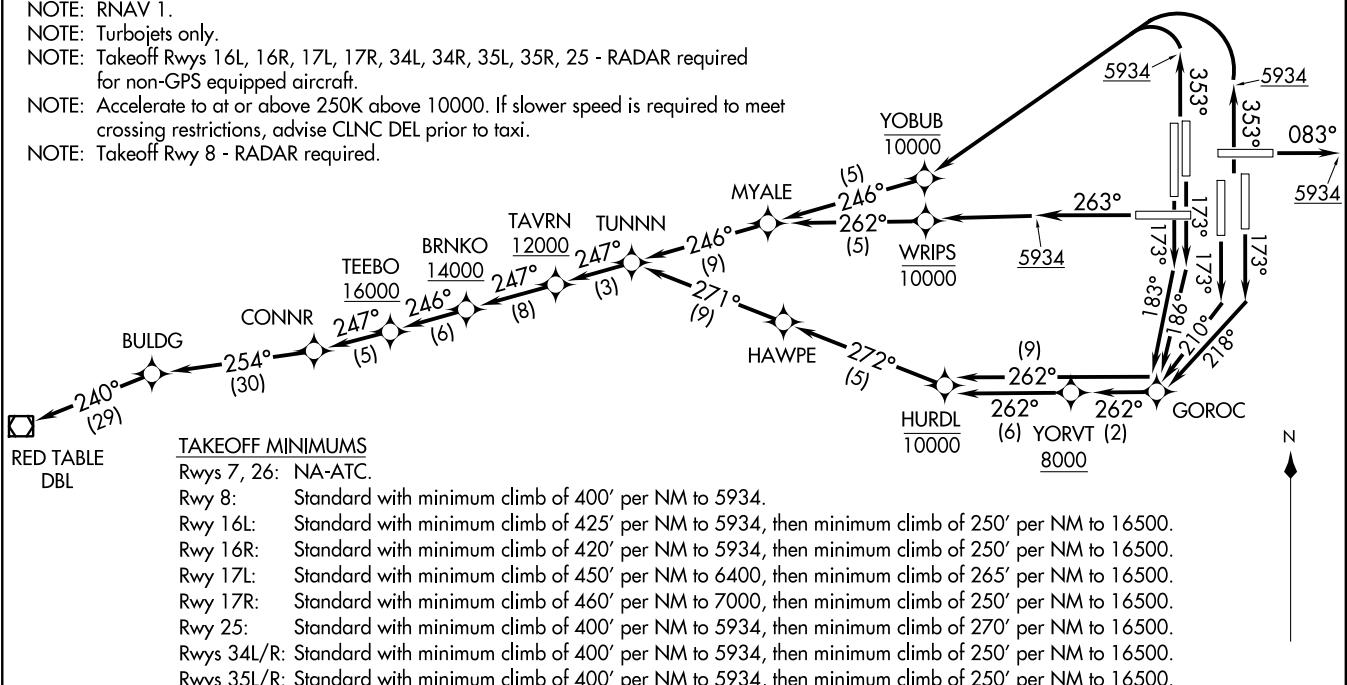
NOTE: Takeoff Rwy 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R, 25 - RADAR required for non-GPS equipped aircraft.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 8 - RADAR required.

TOP ALTITUDE:
FL230

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
126.1 360.75



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOF ALL RUNWAYS: Fly assigned heading for RADAR vectors to assigned route. Climb and maintain 10000 or ATC assigned lower altitude. Expect filed altitude 10 minutes after departure.

LOST COMMUNICATIONS: If no transmissions are received within one minute after departure, maintain assigned heading until 7000 feet, then climb to filed altitude via direct DEN VOR/DME, thence via assigned route. If filed altitude is above 10000 feet, cross DEN VOR/DME at or above 11000 feet.

TAKEOFF OBSTACLE NOTES

- Rwy 7: Sign 21' from DER, 337' left of centerline, 5' AGL/5357' MSL.
Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.
Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.
Rwy 26: Sign 50' from DER, 339' left of centerline 5' AGL/5356' MSL.

SPAZZ THREE DEPARTURE (RNAV)

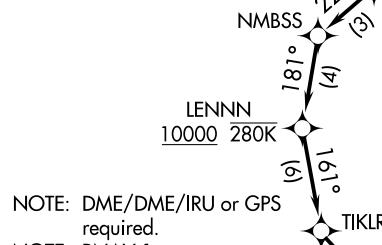
SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO**TOP ALTITUDE:**
FL230**TAKEOFF OBSTACLE NOTES**

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.

Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 8, 16L/R, 17L/R, 25, 34L/R, 35L/R - RADAR required for non-GPS equipped aircraft.

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 475' per NM to 5934, then minimum climb of 275' per NM to 16000.

Rwys 16L/R: Standard with minimum climb of 325' per NM to 10000.

Rwys 17L/R: Standard with minimum climb of 350' per NM to 5934, then minimum climb of 250' per NM to 15000.

Rwy 25: Standard with minimum climb of 410' per NM to 9000, then minimum climb of 285' per NM to 16000.

Rwy 34L: Standard with minimum climb of 410' per NM to 8000, then minimum climb of 285' per NM to 15000.

Rwy 34R: Standard with minimum climb of 410' per NM to 5934, then minimum climb of 285' per NM to 15000.

Rwy 35L: Standard with minimum climb of 450' per NM to 5934, then minimum climb of 280' per NM to 15000.

Rwy 35R: Standard with minimum climb of 410' per NM to 5934, then minimum climb of 260' per NM to 16000.

NOTE: ZAPAA transition: For non-GPS equipped aircraft PUB and ALS DMEs must be operational.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SPAZZ THREE DEPARTURE (RNAV)
(SPAZZ3.SPAZZ) 13NOV14

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIIL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at or above 16000, then on track 163° to STAKR. Thence

TAKEOFF RUNWAY 16L: Climb heading 173° to intercept course 150° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR. Thence

TAKEOFF RUNWAY 16R: Climb heading 173° to intercept course 146° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 157° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 152° to cross RAYDR at or below 10000, then on track 157° to cross JETAG at or below 12000, then on track 162° to cross BCORP at or above 16000, then on track 162° to STAKR. Thence

TAKEOFF RUNWAY 25: Climb heading 263° at or below 230K until intercepting course 244° to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° at or below 280K to cross LENNN at or above 10000, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 129° to STAKR. Thence

TAKEOFF RUNWAYS 34L, 34R: Climb heading 353° at or below 230K to 5934, then climbing left turn direct to cross BRKEM at or below 10000, then on track 221° to NMBSS, then on track 181° at or below 280K to cross LENNN at or above 10000, then on track 161° to TIKLR, then on track 144° to cross CIROS at or above 14000, then on track 150° to cross ICECI at or above 16000, then on track 129° to STAKR. Thence

TAKEOFF RUNWAYS 35L, 35R: Climb heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 154° to TWWIN, then on track 192° to TAIIL, then on track 202° to cross FIGTR at or above 14000, then on track 174° to cross LEARR at or above 16000, then on track 163° to STAKR. Thence

. . . . on depicted route to PYPER. Maintain FL230 or filed lower altitude. Expect higher filed altitude ten minutes after departure.

TOP ALTITUDE:
FL230

ATIS DEP
134.025
CLNC DEL
118.75
CPDLC
DENVER DEP CON
126.1 360.75

FOOT THREE DEPARTURE (RNAV)
(FOOT3.RLG) 13NOV14

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 5934.

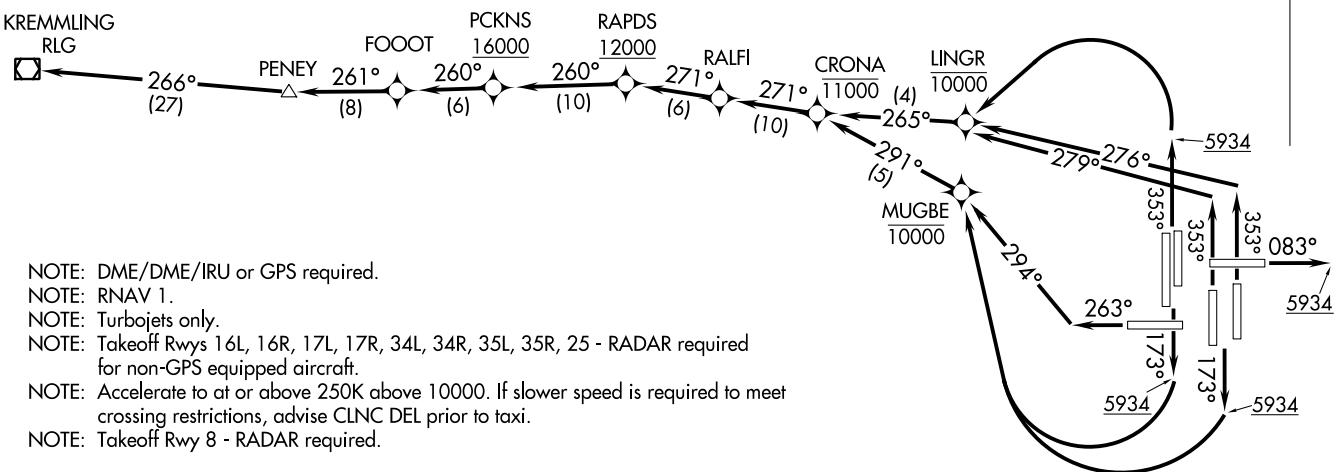
Rwys 16L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 265' per NM to 16000.

Rwys 17L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 245' per NM to 16000.

Rwy 25: Standard with minimum climb of 425' per NM to 5934, then minimum climb of 265' per NM to 16000.

Rwys 34L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 260' per NM to 16000.

Rwys 35L/R: Standard with minimum climb of 400' per NM to 5934, then minimum climb of 250' per NM to 16000.



NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: Takeoff Rwys 16L, 16R, 17L, 17R, 34L, 34R, 35L, 35R, 25 - RADAR required for non-GPS equipped aircraft.

NOTE: Accelerate to or above 250K above 10000. If slower speed is required to meet crossing restrictions, advise CLNC DEL prior to taxi.

NOTE: Takeoff Rwy 8 - RADAR required.

TAKEOFF OBSTACLE NOTES

Rwy 16L: Multiple signs beginning 126' from DER, 490' left of centerline, up to 7' AGL/5359' MSL.
Communication tower 4749' from DER, 1358' left of centerline, 107' AGL/5478' MSL.

Rwy 25: Sign 48' from DER, 450' right of centerline, 6' AGL/5354' MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(PIKES8.DEN) 16147

PIKES EIGHT DEPARTURE

SL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO

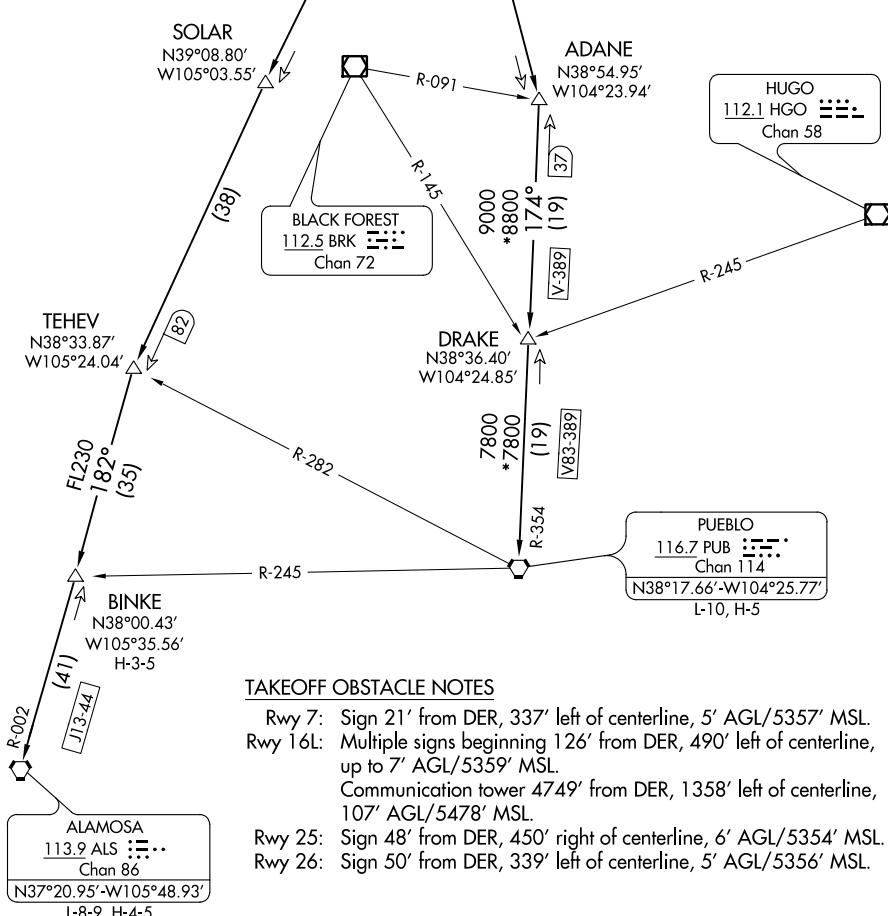
ATIS DEP
134.025
CLNC DEL
118.75
DENVER DEP CON
128.45 251.075
CPDLC

TOP ALTITUDE:
10000

TAKEOFF MINIMUMS

All runways standard.

NOTE: RADAR required.



(NARRATIVE ON FOLLOWING PAGE)

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence

TAKEOFF RUNWAYS 16L, 16R: Climb heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 024° to cross TAGKO at or above 16000, then on track 023° to BBRWN, then on track 023° to BRYCC. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to cross GINTH at or below 11000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 355° to cross KKIMM at or above 16000, then on track 003° to BRYCC. Thence

TAKEOFF RUNWAY 25: Climb heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 024° to cross TAGKO at or above 16000, then on track 023° to BBRWN, then on track 023° to BRYCC. Thence

TAKEOFF RUNWAY 34L: Climb heading 353° to intercept course 005° to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence

TAKEOFF RUNWAY 34R: Climb heading 353° to intercept course 002° to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence

TAKEOFF RUNWAYS 35L, 35R: Climb heading 353° to 5934, then left turn direct to cross CAAZZ at or below 10000, then on track 010° to cross CCLYD at or above 13000, then on track 007° to cross HOOGG at or above 16000, then on track 008° to BRYCC. Thence

. . . . then on depicted route to TAYOT. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.

RIKKK THREE DEPARTURE (RNAV)**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAY 8: Climb heading 083° to intercept course 066° to cross LASSS at or below 10000, then on track 024° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence

TAKEOFF RUNWAYS 16L, 16R: Climb heading 173° to 5934, then right turn direct to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 347° to RIKKK. Thence

TAKEOFF RUNWAY 17L: Climb heading 173° to intercept course 125° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence

TAKEOFF RUNWAY 17R: Climb heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 355° to SPYCE, then on track 354° to TURBN, then on track 316° to cross CHICN at or above 14000, then on track 317° to cross FAARM at or above 16000, then on track 332° to RIKKK. Thence

TAKEOFF RUNWAY 25: Climb heading 263° to intercept course 294° to cross MUGBE at or below 10000, then on track 320° to WAZEE, then on track 355° to LODOE, then on track 030° to cross RINKR at or above 14000, then on track 001° to cross HERDR at or above 16000, then on track 347° to RIKKK. Thence

TAKEOFF RUNWAY 34L: Climb heading 353° to intercept course 005° to cross CAAZZ at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence

TAKEOFF RUNWAY 34R: Climb heading 353° to intercept course 002° to cross CAAZZ at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence

TAKEOFF RUNWAYS 35L, 35R: Climb heading 353° to 5934, then left turn direct CAAZZ, at or below 10000, then on track 341° to cross BNITA at or above 12000, then on track 341° to cross SWYCH at or above 16000, then on track 341° to RIKKK. Thence

. . . . then on depicted route to FISAR. Maintain FL230 or filed lower altitude. Expect higher filed altitude 10 minutes after departure.