



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 9: Climb heading 091° to 1400 for RADAR vectors to intercept GEP R-119 to COULT INT/GEP 61 DME, thence
- TAKEOFF RUNWAY 13: Climb heading 128° to 1300 for RADAR vectors to intercept GEP R-119 to COULT INT/GEP 61 DME, thence
- TAKEOFF RUNWAY 14: Climb heading 146° to 1400 for RADAR vectors to intercept GEP R-119 to COULT INT/GEP 61 DME, thence
- TAKEOFF RUNWAY 27: Climb heading 271° to 1700 for RADAR vectors to intercept GEP R-119 to COULT INT/GEP 61 DME, thence
- TAKEOFF RUNWAY 32: Climb heading 326° to 1400 for RADAR vectors to intercept GEP R-119 to COULT INT/GEP 61 DME, thence

. . . . on transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

DELLS TRANSITION (COULT7.DLL): From over COULT INT on GEP R-119 to LMFY INT then on DLL R-296 to DLL VORTAC.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

MINNEAPOLIS DEP CON
121.2 335.65
ATIS
118.35
CLNC DEL
121.675
ST. PAUL TOWER★
119.1 257.8



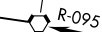
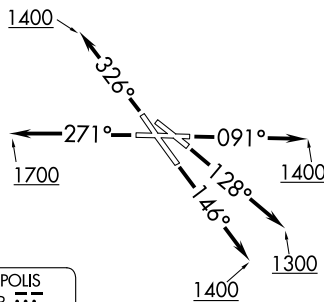
ST. CLOUD
112.1 STC
Chan 58

DARWIN
109.0 DWN
Chan 27

ABERDEEN
113.0 ABR
Chan 77

MINNEAPOLIS
115.3 MSP
Chan 100

FLYING CLOUD
117.7 FCM
Chan 124



INUNE

10000
*3800
271°
(167)

281°
(33)

(20)

R-095

R-172

R-088

107

60

TAKEOFF MINIMUMS

- Rwy 9: Standard with minimum climb of 340' per NM to 1300.
- Rwy 13: Standard with minimum climb of 235' per NM to 1500.
- Rwy 14: Standard.
- Rwy 27: 600-2 or standard with minimum climb of 442' per NM to 1500.
- Rwy 31: NA-obstacles.
- Rwy 32: Standard with minimum climb of 340' per NM to 3000.

NOTE: RADAR required.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 091° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-281 and DWN R-095 to DWN VORTAC, thence

TAKEOFF RUNWAY 13: Climb on heading 128° to 1300 for RADAR vectors to MSP VOR/DME then on MSP R-281 and DWN R-095 to DWN VORTAC, thence

TAKEOFF RUNWAY 14: Climb on heading 146° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-281 and DWN R-095 to DWN VORTAC, thence

TAKEOFF RUNWAY 27: Climb on heading 271° to 1700 for RADAR vectors to MSP VOR/DME then on MSP R-281 and DWN R-095 to DWN VORTAC, thence

TAKEOFF RUNWAY 32: Climb on heading 326° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-281 and DWN R-095 to DWN VORTAC, thence

. . . . then on transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

ABERDEEN TRANSITION (DWN8.ABR): From over DWN VORTAC on DWN R-271 and ABR R-088 to ABR VOR/DME.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

KBREW ONE DEPARTURE
(KBREW1.KBREW) 01 FEB 18

ST. PAUL, MINNESOTA
ST PAUL DOWNTOWN HOLMAN FLD (STP)

**TOP ALTITUDE:
ASSIGNED BY ATC**

FARGO
116.2 FAR
Chan 109

DARWIN
109.0 DWN
Chan 27

TAKEOFF MINIMUMS

Rwy 9: Standard with minimum climb of 340' per NM to 1300.
Rwy 13: Standard with minimum climb of 235' per NM to 1500.
Rwy 14: Standard.
Rwy 27: 600-2 or standard with minimum climb of 442' per NM to 1500.
Rwy 31: NA - Obstacles.
Rwy 32: Standard with minimum climb of 340' per NM to 3000.

MINNEAPOLIS DEP CON
121.2 335.65
ATIS
118.35
CLNC DEL
121.675
ST. PAUL TOWER ★
119.1 257.8

(KBREW1.KBREW) 23334
KBREW ONE DEPARTURE

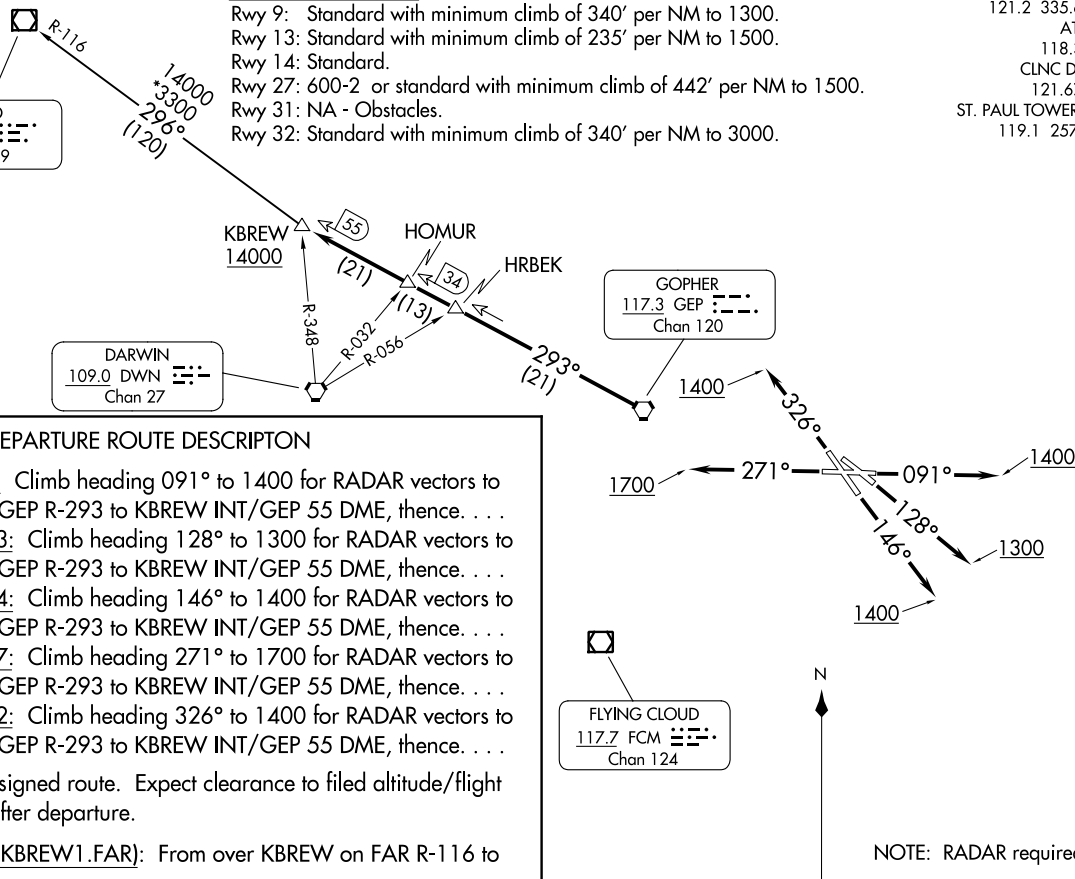
AL-263 (FAA)

ST PAUL DOWNTOWN HOLMAN FLD (STP)
ST. PAUL, MINNESOTA

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 091° to 1400 for RADAR vectors to GEP VORTAC then on GEP R-293 to KBREW INT/GEP 55 DME, thence. . .
TAKEOFF RUNWAY 13: Climb heading 128° to 1300 for RADAR vectors to GEP VORTAC then on GEP R-293 to KBREW INT/GEP 55 DME, thence. . .
TAKEOFF RUNWAY 14: Climb heading 146° to 1400 for RADAR vectors to GEP VORTAC then on GEP R-293 to KBREW INT/GEP 55 DME, thence. . .
TAKEOFF RUNWAY 27: Climb heading 271° to 1700 for RADAR vectors to GEP VORTAC then on GEP R-293 to KBREW INT/GEP 55 DME, thence. . .
TAKEOFF RUNWAY 32: Climb heading 326° to 1400 for RADAR vectors to GEP VORTAC then on GEP R-293 to KBREW INT/GEP 55 DME, thence. . .
. . . .on transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

FARGO TRANSITION (KBREW1.FAR): From over KBREW on FAR R-116 to FAR VOR/DME.



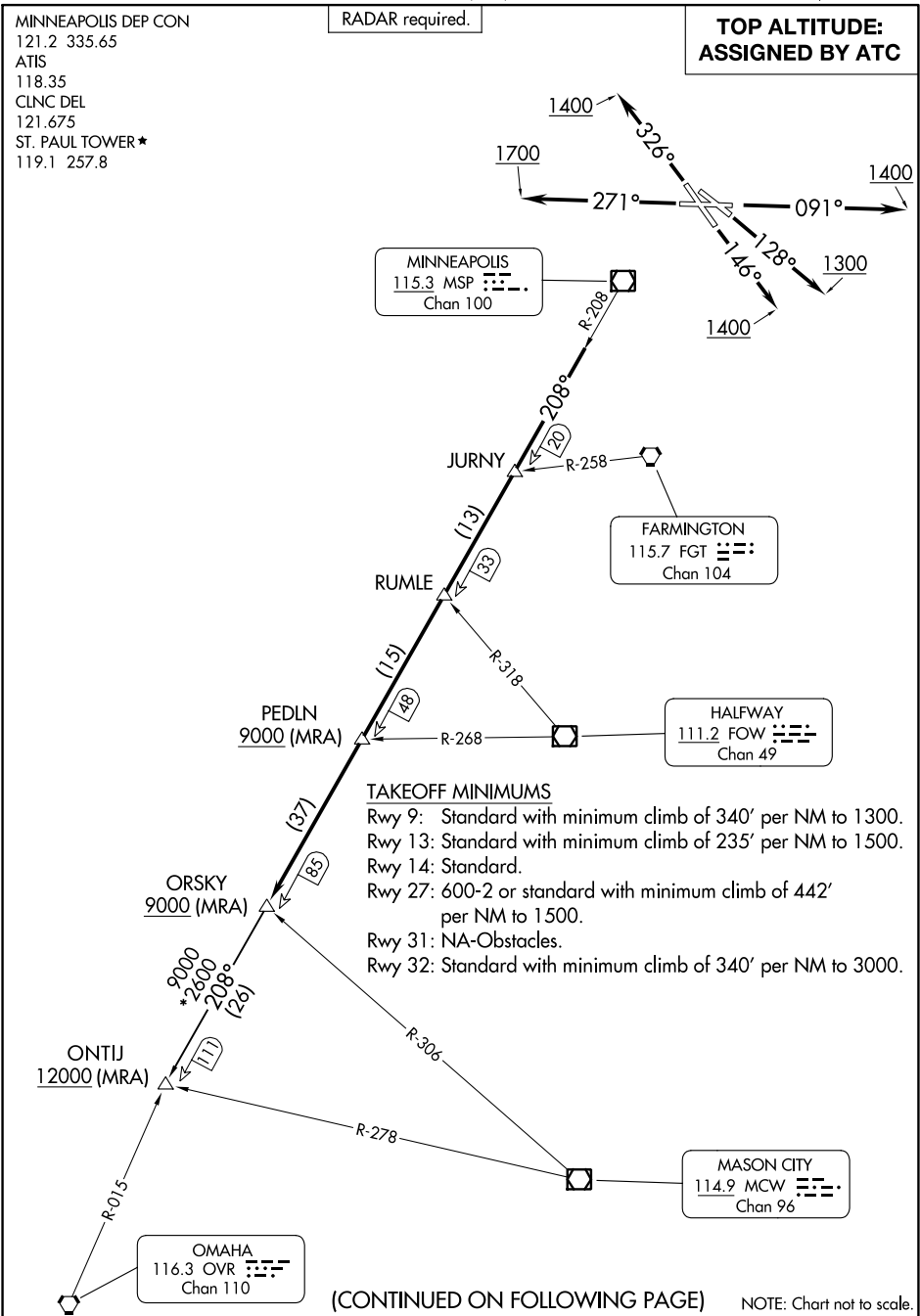
(ORSKY3.ORSKY) 23334
ORSKY THREE DEPARTURE

AL-263 (FAA)
ST PAUL DOWNTOWN HOLMAN FLD (STP)
ST PAUL, MINNESOTA

MINNEAPOLIS DEP CON
121.2 335.65
ATIS
118.35
CLNC DEL
121.675
ST. PAUL TOWER★
119.1 257.8

RADAR required.

TOP ALTITUDE:
ASSIGNED BY ATC



ORSKY THREE DEPARTURE
(ORSKY3.ORSKY) 08SEP22

ST PAUL, MINNESOTA
ST PAUL DOWNTOWN HOLMAN FLD (STP)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 091° to 1400 for RADAR vectors to assigned fix on MSP R-208, then on depicted route to ORSKY. Thence

TAKEOFF RUNWAY 13: Climb on heading 128° to 1300 for RADAR vectors to assigned fix on MSP R-208, then on depicted route to ORSKY. Thence

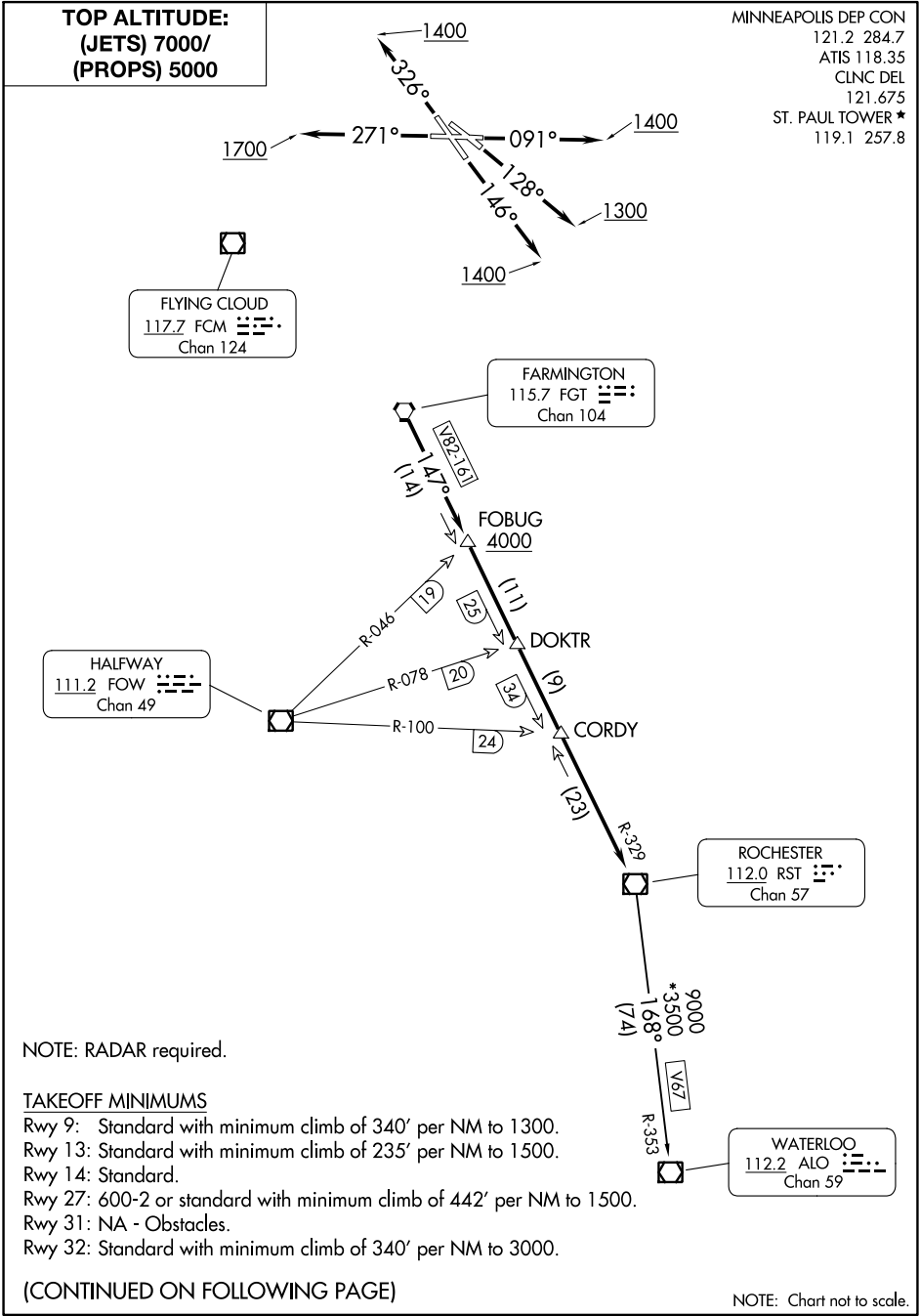
TAKEOFF RUNWAY 14: Climb on heading 146° to 1400 for RADAR vectors to assigned fix on MSP R-208, then on depicted route to ORSKY. Thence

TAKEOFF RUNWAY 27: Climb on heading 271° to 1700 for RADAR vectors to assigned fix on MSP R-208, then on depicted route to ORSKY. Thence

TAKEOFF RUNWAY 32: Climb on heading 326° to 1400 for RADAR vectors to assigned fix on MSP R-208, then on depicted route to ORSKY. Thence

. . . .on transition or assigned route. Expect filed altitude 10 minutes after departure.

ONTIJ TRANSITION (ORSKY3.ONTIJ): From over ORSKY INT on MSP R-208 to ONTIJ INT.



NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 091° to 1400 for RADAR vectors to FGT VORTAC then on FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

TAKEOFF RUNWAY 13: Climb heading 128° to 1300 for RADAR vectors to FGT VORTAC then on FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

TAKEOFF RUNWAY 14: Climb heading 146° to 1400 for RADAR vectors to FGT VORTAC then on FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

TAKEOFF RUNWAY 27: Climb heading 271° to 1700 for RADAR vectors to FGT VORTAC then on FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

TAKEOFF RUNWAY 32: Climb heading 326° to 1400 for RADAR vectors to FGT VORTAC then on FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

. . . .on assigned transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

WATERLOO TRANSITION (RST1.ALO): From over RST VOR/DME on RST R-168 and ALO R-353 to ALO VOR/DME.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

4 to 21 MAR 2024

21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024

4 to 21 MAR 2024



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 091° to 1400 for RADAR vectors to assigned fix on MSP R-232, then on depicted route to SCHEP, thence

TAKEOFF RUNWAY 13: Climb on heading 128° to 1300 for RADAR vectors to assigned fix on MSP R-232, then on depicted route to SCHEP, thence

TAKEOFF RUNWAY 14: Climb on heading 146° to 1400 for RADAR vectors to assigned fix on MSP R-232, then on depicted route to SCHEP, thence

TAKEOFF RUNWAY 27: Climb on heading 271° to 1700 for RADAR vectors to assigned fix on MSP R-232, then on depicted route to SCHEP, thence

TAKEOFF RUNWAY 32: Climb on heading 326° to 1400 for RADAR vectors to assigned fix on MSP R-232, then on depicted route to SCHEP, thence

. . . .on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

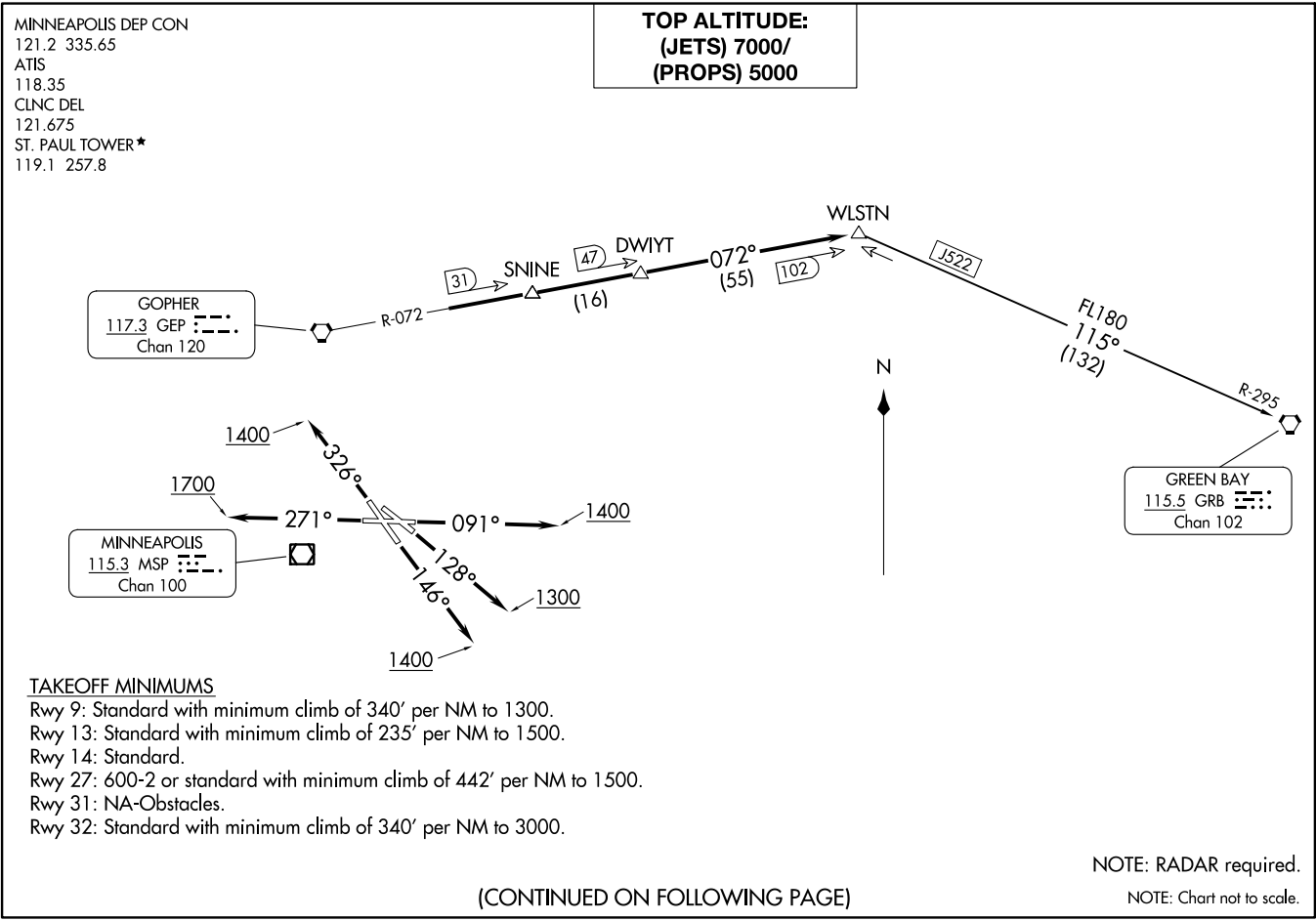
RXANN TRANSITION (SCHEP1.RXANN): From over SCHEP INT on MSP R-232 to RXANN INT.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

WLSTN SEVEN DEPARTURE
(WLSTN7.WLSTN) 17AUG17

ST. PAUL, MINNESOTA
ST. PAUL DOWNTOWN HOLMAN FLD (STP)



WLSTN SEVEN DEPARTURE
(WLSTN7.WLSTN) 23334

ST. PAUL DOWNTOWN HOLMAN FLD (STP)
ST. PAUL, MINNESOTA
AL-263 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 091° to 1400 for RADAR vectors to GEP R-072 to WLSTN/GEP 102 DME, thence

TAKEOFF RUNWAY 13: Climb heading 128° to 1300 for RADAR vectors to GEP R-072 to WLSTN/GEP 102 DME, thence

TAKEOFF RUNWAY 14: Climb heading 146° to 1400 for RADAR vectors to GEP R-072 to WLSTN/GEP 102 DME, thence

TAKEOFF RUNWAY 27: Climb heading 271° to 1700 for RADAR vectors to GEP R-072 to WLSTN/GEP 102 DME, thence. . . .

TAKEOFF RUNWAY 32: Climb heading 326° to 1400 for RADAR vectors to GEP R-072 to WLSTN/GEP 102 DME, thence

. . . .on assigned transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

GREEN BAY TRANSITION (WLSTN7.GRB): From over WLSTN on GRB R-295 to GRB VORTAC.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

(ZMBRO7.ZMBRO) 23334
ZMBRO SEVEN DEPARTURE

AL-263 (FAA)

ST PAUL DOWNTOWN HOLMAN FLD (STP)
ST. PAUL, MINNESOTA

MINNEAPOLIS DEP CON	121.2	284.7
ATIS	118.35	
CLNC DEL	121.675	
ST. PAUL TOWER ★	119.1	257.8

NOTE: RADAR required.

NOTE: Chart not to scale.



TAKEOFF MINIMUMS

Rwy 9: Standard with minimum climb of 340' per NM to 1300.
Rwy 13: Standard with minimum climb of 235' per NM to 1500.
Rwy 14: Standard.
Rwy 27: Standard with minimum climb of 442' per NM to 1500.
Rwy 31: NA - Obstacles.
Rwy 32: Standard with minimum climb of 340' per NM to 3000.

ROCHESTER
112.0 RST 
Chan 57

NODINE
117.9 ODI 
Chan 126

(CONTINUED ON FOLLOWING PAGE)

NC-1, 22 FEB 2024 to 21 MAR 2024

ZMBRO SEVEN DEPARTURE
(ZMBRO7.ZMBRO) 17AUG17

ST. PAUL, MINNESOTA
ST PAUL DOWNTOWN HOLMAN FLD (STP)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 091° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-138 to cross JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence

TAKEOFF RUNWAY 13: Climb heading 128° to 1300 for RADAR vectors to MSP VOR/DME then on MSP R-138 to cross JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence

TAKEOFF RUNWAY 14: Climb heading 146° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-138 to cross JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence

TAKEOFF RUNWAY 27: Climb heading 271° to 1700 for RADAR vectors to MSP VOR/DME then on MSP R-138 to cross JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence

TAKEOFF RUNWAY 32: Climb heading 326° to 1400 for RADAR vectors to MSP VOR/DME then on MSP R-138 to cross JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence

. . . .on assigned transition or route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

NODINE TRANSITION (ZMBRO7.ODI): From over ZMBRO on ODI R-301 to ODI VORTAC.

NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024