


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: SID	Date Open: 09/23/2015	Task #: 2015091430187603005	Request #: 20150914301876
Procedure: SID ROCHESTER NINE ST PAUL MN KSTP			Airport ID: KSTP	Airport: ST PAUL DOWNTOWN HOLMAN FLD		Reimbursable #: NO
City: ST PAUL	ST: MN	GPS #:	Estimated Chart Date: 08/17/2017		FICO #:	
Fac ID: N/A		Fac. Type:		Specialist: IVAN BLANCO		
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	12/13/2016					
QA:						
Liaison:						
Procedure Comments:			ENROUTE	Remark Type: INFORMATION		
MAG VAR ROTATION, KSTP: OLD 3E - NEW 0E. MINOR AMDT TO UPDATE INITIAL HEADINGS ONLY. PENDING DATA USED FOR KSTP. FLT CHK: REQUEST TABLE-TOP. CONTACT JACOB POWERS SUB TEAM MGR: 405.954.8702 PAT MULQUEEN MANAGER: 405.954.4073						

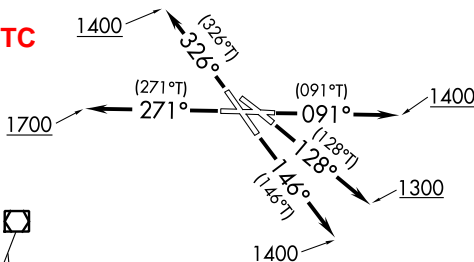


(RST9.RST) FIG ROCHESTER NINE DEPARTURE

ST PAUL DOWNTOWN HOLMAN FIELD (STP)
 SL-263 (FAA) ST. PAUL, MINNESOTA

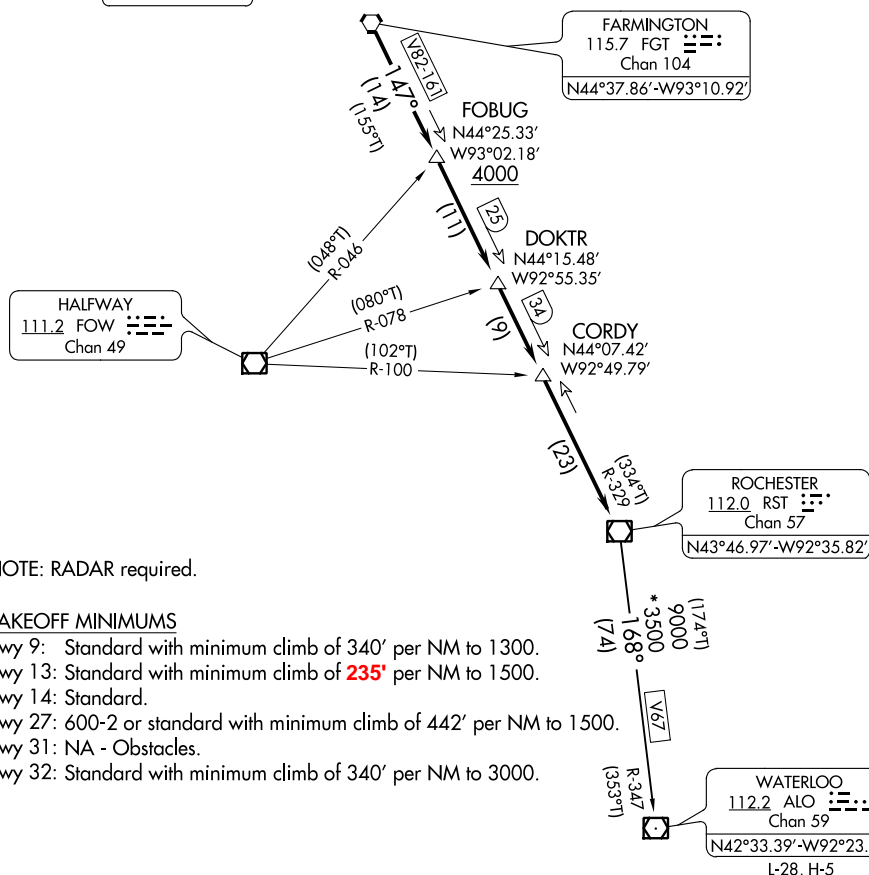
**TOP ALTITUDE:
 ASSIGNED BY ATC**

ATIS 118.35
 CLNC DEL
 121.675
 MINNEAPOLIS CLNC DEL
 121.675 (when tower closed)
 SAINT PAUL TOWER ★
 119.1 257.8
 MINNEAPOLIS DEP CON
 121.2 357.4



FLYING CLOUD
 117.7 FCM
 Chan 124

PROTOTYPE-NOT FOR NAVIGATION



(NOTES CONTINUED ON FOLLOWING PAGE)
 (NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

<div>▼</div>	DEPARTURE ROUTE DESCRIPTION
	<p><u>TAKEOFF RUNWAY 9:</u> Climb heading 091° to 1400 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence</p> <p><u>TAKEOFF RUNWAY 13:</u> Climb heading 128° to 1300 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence</p> <p><u>TAKEOFF RUNWAY 14:</u> Climb heading 146° to 1400 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence</p> <p><u>TAKEOFF RUNWAY 27:</u> Climb heading 271° to 1700 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence</p> <p><u>TAKEOFF RUNWAY 32:</u> Climb heading 326° to 1400 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence</p> <p>. . . . via assigned transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.</p> <p><u>WATERLOO TRANSITION (RST9.ALO):</u> From over RST VOR/DME on RST R-168 and ALO R-347 to ALO VOR/DME.</p> <p><u>TAKEOFF OBSTACLE NOTES</u></p> <p>Rwy 9: Mobile crane 1362' from DER, 124' left of centerline, 68' AGL/758' MSL. Trees and silo 1464' from DER, 178' right of centerline, up to 116' AGL/816' MSL. Trees and pole beginning 1.1 NM from DER, left and right of centerline, up to 100' AGL/1099' MSL.</p> <p>Rwy 13: Tree and tower beginning 1125' from DER, 609' left of centerline, up to 67' AGL/767' MSL. Tree, pole, vent on buildings, stacks, and OL on stack beginning 1672' from DER, 55' right of centerline, up to 120' AGL/820' MSL. Trees beginning 1.9 NM from DER, 2938' left of centerline, up to 100' AGL/1020' MSL.</p> <p>Rwy 14: Trees, OL on DME antenna, and pole beginning 290' from DER, 1' right of centerline, up to 129' AGL/819' MSL. Trees and pole beginning 1099' from DER, 6' left of centerline, up to 87' AGL/777' MSL.</p> <p>Rwy 27: Trees, light pole, and flagpole beginning 617' from DER, 198' left of centerline, up to 119' AGL/829' MSL. OL on ant, bldgs, tower, and tree beginning 810' from DER, 26' right of centerline, up to 165' AGL/955' MSL. Trees and bldg beginning 3886' from DER, 120' left of centerline, up to 84' AGL/1014' MSL. Tower 1.7 NM from DER, 633' left of centerline, 569' AGL/1279' MSL.</p> <p>Rwy 32: Vehicle on road, trees, railroad, poles, and navaid beginning 179' from DER, 267' right of centerline, up to 58' AGL/758' MSL. Vehicle on road, railroad, and trees beginning 192' from DER, up to 59' AGL/759' MSL. Navaid 257' from DER, on centerline, 26' AGL/726 MSL. Trees, poles, buildings, and tower beginning 3674' from DER, 616' right of centerline, up to 157' AGL/973' MSL. Trees, buildings, tower, sign, and stack beginning 1924' from DER, 378' left of centerline, up to 143' AGL/969' MSL.</p>
	PROTOTYPE-NOT FOR NAVIGATION

CURRENT - FOR INFO ONLY

(RST8.RST) 16203

ROCHESTER EIGHT DEPARTURE

SL-263 (FAA)

ST PAUL DOWNTOWN HOLMAN FIELD (STP)

ST. PAUL, MINNESOTA

ATIS 118.35

CINC DEL

121.675

MINNEAPOLIS CINC DEL

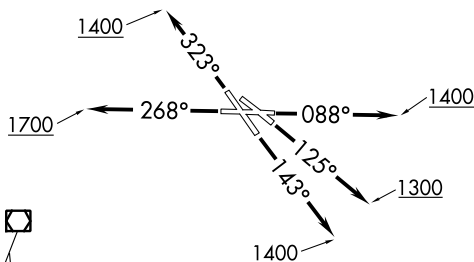
121.675 (when tower closed)

ST. PAUL TOWER *

119.1 257.8

MINNEAPOLIS DEP CON

121.2 357.4



FLYING CLOUD
117.7 FCM
Chan 124

FARMINGTON
115.7 FGT
Chan 104
N44°37.86'-W93°10.92'

FOBUG
N44°25.33'
W93°02.18'
4000

DOKTR
N44°15.48'
W92°55.35'

CORDY
N44°07.42'
W92°49.79'

ROCHESTER
112.0 RST
Chan 57
N43°46.97'-W92°35.82'

WATERLOO
112.0 ALO
Chan 59
N42°33.39'-W92°23.94'
L-28, H-5

HALFWAY
111.2 FOW
Chan 49

NOTE: RADAR required.

TAKEOFF MINIMUMS

Rwy 9: Standard with minimum climb of 340' per NM to 1300.

Rwy 13: Standard with minimum climb of 230' 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.

(NOTES CONTINUED ON FOLLOWING PAGE)

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

ROCHESTER EIGHT DEPARTURE

(RST8.RST) 21JUL16

ST. PAUL, MINNESOTA

ST PAUL DOWNTOWN HOLMAN FIELD (STP)

NC-1, 02 FEB 2017 to 02 MAR 2017

EB 2017 to 02 MAR 2017

NC-1,



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 088° to 1400 for RADAR vectors to FGT VORTAC then via 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 125° to 1300 for RADAR vectors to FGT VORTAC then via 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 143° to 1400 for RADAR vectors to FGT VORTAC then via 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 268° to 1700 for RADAR vectors to FGT VORTAC then via 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 323° to 1400 for RADAR vectors to FGT VORTAC then via FGT R-147 and RST R-329 to RST VOR/DME. Cross FOBUG INT/FGT 14 DME at or above 4000, thence

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

WATERLOO TRANSITION (RST8.ALO): From over RST VOR/DME on RST R-168 and ALO R-347 to ALO VOR/DME.

TAKEOFF OBSTACLE NOTES

- Rwy 9: Mobile crane 1362' from DER, 124' left of centerline, 68' AGL/758' MSL.
Trees and silo 1464' from DER, 178' right of centerline, up to 116' AGL/816' MSL.
Trees and pole beginning 1.1 NM from DER, left and right of centerline, up to 100' AGL/1099' MSL.
- Rwy 13: Tree and tower beginning 1125' from DER, 609' left of centerline, up to 67' AGL/767' MSL.
Tree, pole, vent on buildings, stacks, and obstruction light on stack beginning 1672' from DER, 55' right of centerline, up to 120' AGL/820' MSL.
Trees beginning 1.9 NM from DER, 2938' left of centerline, up to 100' AGL/1020' MSL.
- Rwy 14: Trees, obstruction light on DME antenna, and pole beginning 290' from DER, 1' right of centerline, up to 129' AGL/819' MSL.
Trees and pole beginning 1099' from DER, 6' left of centerline, up to 87' AGL/777' MSL.
- Rwy 27: Trees, light pole, and flagpole beginning 617' from DER, 198' left of centerline, up to 119' AGL/829' MSL.
Obstruction light on antenna, buildings, tower, and tree beginning 810' from DER, 26' right of centerline, up to 165' AGL/955' MSL.
Trees and building beginning 3886' from DER, 120' left of centerline, up to 84' AGL/1014' MSL.
Tower 1.7 NM from DER, 633' left of centerline, 569' AGL/1279' MSL.
- Rwy 32: Vehicle on road, trees, railroad, poles, and navaid beginning 179' from DER, 267' right of centerline, up to 58' AGL/758' MSL.
Vehicle on road, railroad, and trees beginning 192' from DER, up to 59' AGL/759' MSL.
Navaid 257' from DER, on centerline, 26' AGL/726 MSL.
Trees, poles, buildings, and tower beginning 3674' from DER, 616' right of centerline, up to 157' AGL/973' MSL.
Trees, buildings, tower, sign, and stack beginning 1924' from DER, 378' left of centerline, up to 143' AGL/969' MSL.