

FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
 Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name <b>SCOGS (RNAV)</b>	Number <b>FOUR</b>	STAR Computer Code <b>SCOGS.SCOGS4</b>	Superseded Number <b>THREE</b>	Dated <b>12/10/2015</b>	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CALVERTON	CCC.SCOGS4	CCC VOR/DME	CCC VOR/DME						
			FOSTY	058.26	75.70	FL180	2800		
			BILJE	079.19	35.26	15000	2800		
			BUOYY	034.09	21.45	15000	2800	AT FL240	
			CEKAY	038.65	38.40	12000	2800		
EEGOR	EEGOR.SCOGS4	EEGOR	EEGOR						
			FOSTY	073.03	78.36	FL180	2800		
			BILJE	079.19	35.26	15000	2800		
			BUOYY	034.09	21.45	15000	2800	AT FL240	
			CEKAY	038.65	38.40	12000	2800		
			SCOGS	047.39	10.06	11000	2800	AT 11000	

**ARRIVAL ROUTE DESCRIPTION:**

FROM SCOGS ON TRACK 048.71/6.21 TO SAACO.

LANDING PWM RWY 11: FROM SAACO ON TRACK 332.62/8.37 TO BIDDE, THEN ON TRACK 329.38/17.73 TO TRIDO, THEN ON TRACK 026.47/4.52 TO ARARR, THEN ON TRACK 081.02/4.06 TO CROSS BUXTO AT OR ABOVE 2300, THEN ON HEADING 110.15. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING PWM RWY 18: FROM SAACO ON TRACK 332.62/8.37 TO BIDDE, THEN ON TRACK 329.38/17.73 TO TRIDO, THEN ON TRACK 030.58/16.16 TO FRRYY, THEN ON TRACK 090.89/7.00 TO CROSS JANOB AT OR ABOVE 3100, THEN ON HEADING 178.16. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING PWM RWY 29: FROM SAACO ON TRACK 047.20/5.01 TO MESHL, THEN ON TRACK 044.91/18.07 TO YAAKK, THEN ON TRACK 318.67/4.99 TO CROSS SAPPE AT OR ABOVE 3000, THEN ON HEADING 290.40. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PBN REQUIREMENT NOTES:**

RNAV 1 - DME/DME/IRU OR GPS

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED

**PROCEDURAL DATA NOTES:**

**FIXES AND/OR HOLDING PATTERNS:**

**COMMUNICATIONS:**





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11. REMOVED "NOTE: EXPECT PORTLAND APP CON TO ISSUE RUNWAY TRANSITION 10 NM PRIOR TO SAACO" FROM PROCEDURAL DATA NOTES.
12. REMOVED "ATIS, PORTLAND APP CON" FROM COMMUNICATIONS.
13. REMOVED AIRPORT NAMES FROM AIRPORTS SERVED.
14. ADDED "2800 FT MOCA VALUES DUE TO 794 MSL AAO LOCATED DOWNSTREAM IN RWY TRANSITIONS" AND "AAO DEPICTED OVER WATER ASSUME 295 FT SHIP HEIGHT" TO REMARKS.
15. ADDED TERMINUS DATA IN ADDITIONAL FLIGHT DATA.

**REASONS:**

1. BDR VOR MON PROGRAM.
2. PER ATC REQUEST.
3. DUE TO SHAUN FIX REMOVAL.
4. PER CURRENT CRITERIA STANDARDS DOCUMENTATION.
5. PER ATC REQUEST.
6. NO LONGER REQUIRED IAW 8260.3G, 2-2-7D(3).
7. PER CURRENT CRITERIA STANDARDS DOCUMENTATION.
8. PER ATC REQUEST.
9. IAW 8260.19K, 4-5-3D.
10. IAW 8260.19K, 4-5-12, ADDED FM LEGS.
11. ATC REQUEST.
12. NOW AUTO-CHARTED.
13. IAW 8260.19K, 4-5-12G.
14. NEW OBSTACLE EVALUATION.
15. IAW 8260.19K, 4-5-2H(2).

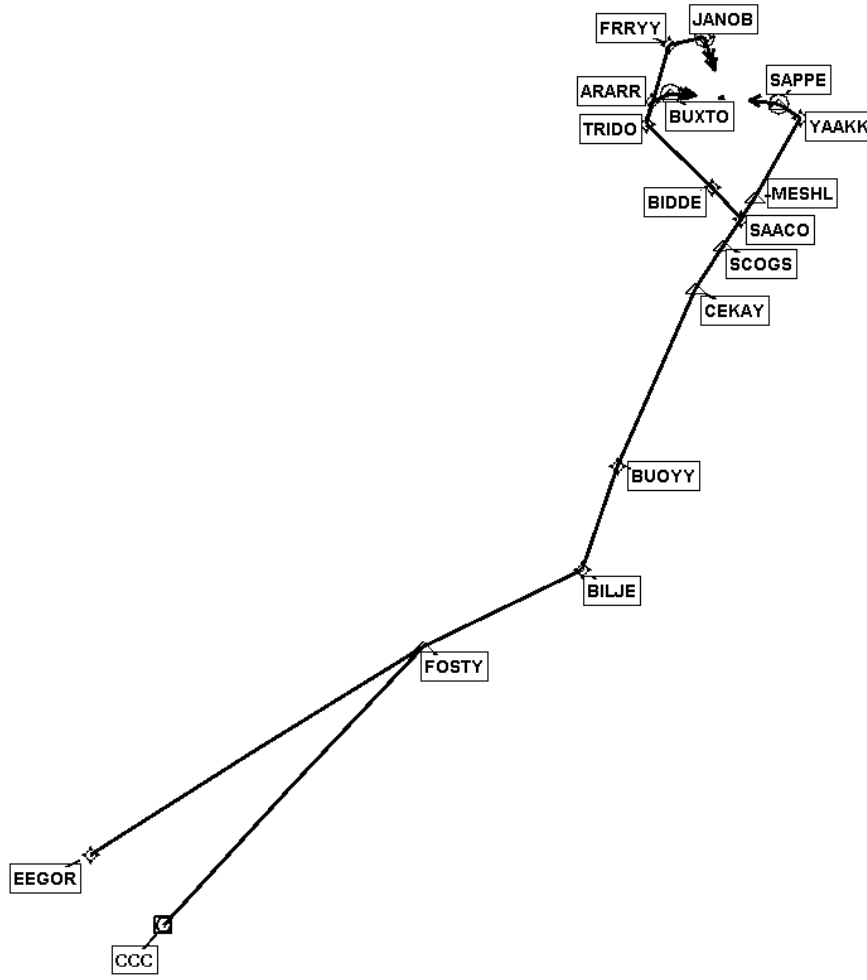


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Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STAR (DATA RECORD)

Arrival Name SCOGS (RNAV)	Number FOUR	STAR Computer Code SCOGS.SCOGS4		Superseded Number THREE		Dated 12/10/2015	Effective Date		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
CCC VOR/DME	405546.63N / 0724755.89W	Y		IF					CCC.SCOGS4
FOSTY	415035.46N / 0713831.34W	Y	FB	TF	043.26	75.70			
BILJE	420549.10N / 0705552.98W	Y	FB	TF	064.19	35.26			
BUOYY	422605.44N / 0704624.66W	Y	FB	TF	019.09	21.45	AT FL240		
CEKAY	430114.61N / 0702524.79W	Y	FB	TF	023.65	38.40			
SCOGS	430944.07N / 0701803.14W	Y	FB	TF	032.39	10.06	AT 11000		
En Route Transition									
EEGOR	410938.94N / 0730727.66W	Y		IF					EEGOR.SCOGS4
FOSTY	415035.46N / 0713831.34W	Y	FB	TF	058.03	78.36			
BILJE	420549.10N / 0705552.98W	Y	FB	TF	064.19	35.26			
BUOYY	422605.44N / 0704624.66W	Y	FB	TF	019.09	21.45	AT FL240		
CEKAY	430114.61N / 0702524.79W	Y	FB	TF	023.65	38.40			
SCOGS	430944.07N / 0701803.14W	Y	FB	TF	032.39	10.06	AT 11000		
Common Route									
SCOGS	430944.07N / 0701803.14W	Y		IF			AT 11000		SCOGS.SCOGS4
SAACO	431457.47N / 0701327.67W	Y	FB	TF	032.71	06.21			
Runway Transition									
SAACO	431457.47N / 0701327.67W	Y		IF					
BIDDE	432108.17N / 0702111.46W	Y	FB	TF	317.62	08.37			
TRIDO	433330.86N / 0703836.96W	Y	FB	TF	314.38	17.73			
ARARR	433756.77N / 0703722.68W	Y	FB	TF	011.47	04.52			
BUXTO	433935.72N / 0703215.97W	Y	FO	TF	066.02	04.06	AT/ABOVE 2300		
KPWM:RWY 11				VM	095.15				
Runway Transition									
SAACO	431457.47N / 0701327.67W	Y		IF					



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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTIUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
BIDDE	432108.17N / 0702111.46W	Y	FB	TF	317.62	08.37			
TRIDO	433330.86N / 0703836.96W	Y	FB	TF	314.38	17.73			
FRRYY	434904.92N / 0703237.10W	Y	FB	TF	015.58	16.16			
JANOB	435046.92N / 0702314.22W	Y	FO	TF	075.89	07.00	AT/ABOVE 3100		
KPWM:RWY 18				VM	163.16				
Runway Transition									
SAACO	431457.47N / 0701327.67W	Y		IF					
MESHL	431912.07N / 0700948.03W	Y	FB	TF	032.20	05.01			
YAAKK	433451.48N / 0695724.06W	Y	FB	TF	029.91	18.07			
SAPPE	433737.41N / 0700307.20W	Y	FO	TF	303.67	04.99	AT/ABOVE 3000		
KPWM:RWY 29				VM	275.40				

