

US Department of Transportation Federal Aviation Administration						STAR - Standard Terminal Arrival			1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00) 2. Distances are in nautical miles to nearest hundredth (e.g. 00.00) 3. Altitudes are minimum altitudes unless otherwise indicated
(1) Transition Routes									
(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/ FIX/NAVAID	(d) To RNAV WP/ FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes	
VINSE	VINSE.NESTO4	VINSE	HRMAN INT	277.27/41.97 (AIR R-097)	FL200				
		HRMAN INT	SAMEE INT	277.27/12.00 (AIR R-097)	14000				
		SAMEE INT	EJOCY	277.27/12.89 (AIR R-097)	8000				
		EJOCY	PLEEZ INT	315.02/11.87 (IHD R-315)	5000				
		PLEEZ INT	NESTO INT	315.02/6.39 (IHD R-315)	5000				
INDIAN HEAD	IHD.NESTO4	IHD VORTAC	EJOCY	315.02/2.76 (IHD R-315)	5000				
		EJOCY	PLEEZ INT	315.02/11.87 (IHD R-315)	5000				
		PLEEZ INT	NESTO INT	315.02/6.39 (IHD R-315)	5000				
(2) Arrival Route Description: KPIT: FROM OVER NESTO INT DIRECT MMJ VORTAC. EXPECT RADAR VECTORS AFTER NESTO INT. KAGC WEST FLOW: FROM OVER NESTO INT DIRECT AGC VOR/DME, THEN EXPECT RADAR VECTORS. KAGC EAST FLOW: FROM OVER NESTO INT DIRECT AGC VOR/DME, THEN EXPECT RADAR VECTORS. KHLG: FROM OVER NESTO INT DIRECT HLG VOR/DME, THEN EXPECT RADAR VECTORS. KAFJ: FROM OVER NESTO INT ON HLG R-102, THEN EXPECT RADAR VECTORS.									
(3) Procedural Data Notes: CHART NOTE: RADAR REQUIRED; CHART NOTE: DME REQUIRED. VERTICAL NAVIGATION PLANNING INFORMATION: PITTSBURGH TURBOJETS WEST FLOW: EXPECT CLEARANCE TO CROSS NESTO AT 10,000 AND 250K. WHEN RWY 28 SIMULTANEOUS APPROACH IS IN USE, EXPECT CLEARANCE TO CROSS NESTO AT 9,000. PITTSBURGH TURBOJETS EAST FLOW: EXPECT CLEARANCE TO CROSS NESTO AT 10,000. PITTSBURGH PROPELLER AIRCRAFT: FILED AT 210K OR GREATER, EXPECT TO CROSS NESTO AT 7,000. FILED LESS THAN 210K, EXPECT TO CROSS NESTO AT 6,000. SATELLITE ARRIVALS: EXPECT TO CROSS NESTO AT 5,000.									
(4) Fixes and/or Holding Patterns: CHART HOLDING PATTERN: PLEEZ (HOLD SE, RT, 315.02 INBOUND).									
(5) Communications: PITTSBURGH APP CON; PITTSBURGH INTL ATIS; ALLEGHENY COUNTY ATIS.									
(6) Arrival Name NESTO	(7) Number FOUR	(8) STAR Computer Code NESTO.NESTO4	(9) Superseded Nr. THREE	(10) Dated 10 MAR 2011	(11) Effective Date 10 Jan 2013				

(12) Airports Served

Airport Name	PITTSBURGH INTL	City/State	PITTSBURGH, PA
Airport Name	PITTSBURGH/ALLEGHENY COUNTY	City/State	PITTSBURGH, PA
Airport Name	WHEELING OHIO COUNTY	City/State	WHEELING, WV
Airport Name	WASHINGTON COUNTY	City/State	WASHINGTON, PA
Airport Name	MONONGAHELA/ROSTRAVER	City/State	MONONGAHELA, PA
Airport Name		City/State	

(13) Lost Communications Procedure:**(14) Remarks:****(15) Additional Flight Data:**

MAGVAR: AGC VOR/DME (9W); AIR VOR/DME (7W); BHU NDB (7W); CYN VORTAC (10W); HLG VOR/DME (7W); IHD VORTAC (6W); JST VORTAC (6W); MGW VORTAC (5W); MMJ VORTAC (8W).

CHART: MGW R-015 AT NESTO; **CHART:** JST R-266 AT NESTO; **CHART:** BHU 053 BEARING FROM PLEEZ; **CHART:** JST R-221 AT SAMEE; **CHART:** JST R-190 AT HRMAN; **CHART:** CYN R-284 AT VINSE; **CHART:** AIR R-097 AT EJOCY; **CHART:** 316 HDG FROM NESTO TO MMJ (28 NM); **CHART:** 297 HDG FROM NESTO TO AGC (16 NM); **CHART:** 282 HDG FROM NESTO TO HLG (39 NM); **CHART:** MMJ R-136 TO NESTO; **CHART:** AGC R-117 TO NESTO; **CHART:** HLG R-102 TO NESTO.

(6) Arrival Name JST NESTO	(7) Number FOUR	(8) STAR Computer Code NESTO.NESTO4	(9) Superseded Nr. THREE	(10) Dated 10 MAR 2011	(11) Effective Date 10 Jan 2013
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CHART

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ARINC PACKET - 424-18 - STAR

[illegible][illegible][illegible][illegible][illegible]

(11) Arrival Name NESTO	(12) Number FOUR	(13) STAR Computer Code NESTO.NESTO4	(14) Superseded Nr. THREE	(15) Dated 10 MAR 2011	(16) Effective Date 10 Jan 2013
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STAR (Data Record)

SUSAP KPITK6GRW10R	0115001000	N40291222W080150686-0100	+0311801135000052200IIGUT3
SUSAP KPITK6GRW14	0081011444	N40294565W080132952-0400	+0315901148000060150R
SUSAP KPITK6GRW28C	0097082800	N40292025W080124096+0100	+0311501134000050150R
SUSAP KPITK6GRW28L	0115002800	N40290832W080123813+0100	+0307901122000059200IIPFS1
SUSAP KPITK6GRW28R	0105022800	N40300487W080140040+0300	+0323901174000057150IIHFE1
SUSAP KPITK6GRW32	0081013244	N40285009W080122021+0400	+0305701115033537150IITQW1

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
NESTO	FOUR	NESTO.NESTO4	THREE	10 MAR 2011	10 Jan 2013

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ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	IHD	IHD	010		IF		FB					
	IHD	EJOCY	020		TF		FB		315.0()	002.8		
	VINSE	VINSE	010		IF		FB					
	VINSE	HRMAN	020		TF		FB		277.3()	042.0		
	VINSE	SAMEE	030		TF		FB		277.3()	012.0		
	VINSE	EJOCY	040		TF		FB		277.3()	012.9		
	ALL	EJOCY	010		IF		FB					
	ALL	PLEEZ	020		TF		FB		315.0()	011.9		
	ALL	NESTO	030		TF		FO		315.0()	006.4		
	ALL	MMJ	040		DF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	MMJ	N402917.35	W0801137.94	N4029.289	W08011.632
	EJOCY	N400011.40	W0792418.00	N4000.190	W07924.300
	HRMAN	N395936.28	W0785155.48	N3959.605	W07851.925
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	SAMEE	N395954.45	W0790731.95	N3959.908	W07907.533
	VINSE	N395816.21	W0775721.20	N3958.270	W07757.353
	RW10C	N402923.54	W0801446.54	N4029.392	W08014.776
	RW10L	N403008.40	W0801616.26	N4030.140	W08016.271
	RW10R	N402912.22	W0801506.86	N4029.204	W08015.114
	RW14	N402945.65	W0801329.52	N4029.761	W08013.492
	RW28C	N402920.25	W0801240.96	N4029.338	W08012.683
	RW28L	N402908.32	W0801238.13	N4029.139	W08012.636
	RW28R	N403004.87	W0801400.40	N4030.081	W08014.007
	RW32	N402850.09	W0801220.21	N4028.835	W08012.337

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10C	01141	51
	RW10L	01203	59
	RW10R	01135	52
	RW14	01148	60
	RW28C	01134	50

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RW28L	01122	59
RW28R	01174	57
RW32	01115	37

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SUSAP KAGCK6GRW28 0065012789 N40211552W079550400+0000 +0347401250000051150IIAGC1
SUSAP KAGCK6GRW31 0038253089 N40210741W079552076-0100 +0347001249000050100D

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IHD	IHD	010		IF		FB					
	IHD	EJOCY	020		TF		FB		315.0()	002.8		
	VINSE	VINSE	010		IF		FB					
	VINSE	HRMAN	020		TF		FB		277.3()	042.0		
	VINSE	SAMEE	030		TF		FB		277.3()	012.0		
	VINSE	EJOCY	040		TF		FB		277.3()	012.9		
	ALL	EJOCY	010		IF		FB					
	ALL	PLEEZ	020		TF		FB		315.0()	011.9		
	ALL	NESTO	030		TF		FO		315.0()	006.4		
	ALL	AGC	040		DF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGC	N401643.15	W0800227.09	N4016.719	W08002.452
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	EJOCY	N400011.40	W0792418.00	N4000.190	W07924.300
	HRMAN	N395936.28	W0785155.48	N3959.605	W07851.925
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	SAMEE	N395954.45	W0790731.95	N3959.908	W07907.533
	VINSE	N395816.21	W0775721.20	N3958.270	W07757.353
	RW10	N402115.42	W0795627.96	N4021.257	W07956.466
	RW13	N402126.26	W0795603.59	N4021.438	W07956.060
	RW28	N402115.52	W0795504.00	N4021.259	W07955.067
	RW31	N402107.41	W0795520.76	N4021.124	W07955.346

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10	01250	47
	RW13	01245	50
	RW28	01250	51
	RW31	01249	50

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SUSAP KHLGK6GRW21 0050012130 N40105126W080383646-0500 +0330201195000052150R
SUSAP KHLGK6GRW34 0044973380 N40101170W080382806-0400 +0329301191000042150R

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
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	IHD	IHD	010		IF		FB					
	IHD	EJOCY	020		TF		FB		315.0 ()	002.8		
	VINSE	VINSE	010		IF		FB					
	VINSE	HRMAN	020		TF		FB		277.3 ()	042.0		
	VINSE	SAMEE	030		TF		FB		277.3 ()	012.0		
	VINSE	EJOCY	040		TF		FB		277.3 ()	012.9		
	ALL	EJOCY	010		IF		FB					
	ALL	PLEEZ	020		TF		FB		315.0 ()	011.9		
	ALL	NESTO	030		TF		FO		315.0 ()	006.4		
	ALL	HLG	040		DF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLG	N401535.65	W0803407.05	N4015.594	W08034.118
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	EJOCY	N400011.40	W0792418.00	N4000.190	W07924.300
	HRMAN	N395936.28	W0785155.48	N3959.605	W07851.925
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	SAMEE	N395954.45	W0790731.95	N3959.908	W07907.533
	VINSE	N395816.21	W0775721.20	N3958.270	W07757.353
	RW03	N401006.84	W0803904.72	N4010.114	W08039.079
	RW16	N401050.60	W0803856.13	N4010.843	W08038.936
	RW21	N401051.26	W0803836.46	N4010.854	W08038.608
	RW34	N401011.70	W0803828.06	N4010.195	W08038.468

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	01171	59
	RW16	01172	40
	RW21	01195	52
	RW34	01191	42

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IHD	IHD	010		IF		FB					
	IHD	EJOCY	020		TF		FB		315.0()	002.8		
	VINSE	VINSE	010		IF		FB					
	VINSE	HRMAN	020		TF		FB		277.3()	042.0		
	VINSE	SAMEE	030		TF		FB		277.3()	012.0		
	VINSE	EJOCY	040		TF		FB		277.3()	012.9		
	ALL	EJOCY	010		IF		FB					
	ALL	PLEEZ	020		TF		FB		315.0()	011.9		
	ALL	NESTO	030		TF		FO		315.0()	006.4		
	ALL	NESTO	040		FM		FB		282.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLG	N401535.65	W0803407.05	N4015.594	W08034.118
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	EJOCY	N400011.40	W0792418.00	N4000.190	W07924.300
	HRMAN	N395936.28	W0785155.48	N3959.605	W07851.925
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	SAMEE	N395954.45	W0790731.95	N3959.908	W07907.533
	VINSE	N395816.21	W0775721.20	N3958.270	W07757.353
	RW09	N400809.19	W0801756.78	N4008.153	W08017.946
	RW27	N400813.47	W0801652.60	N4008.225	W08016.877

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01178	50
	RW27	01167	57

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	IHD	IHD	010		IF		FB					
	IHD	EJOCY	020		TF		FB		315.0()	002.8		
	VINSE	VINSE	010		IF		FB					
	VINSE	HRMAN	020		TF		FB		277.3()	042.0		
	VINSE	SAMEE	030		TF		FB		277.3()	012.0		
	VINSE	EJOCY	040		TF		FB		277.3()	012.9		
	ALL	EJOCY	010		IF		FB					
	ALL	PLEEZ	020		TF		FB		315.0()	011.9		
	ALL	NESTO	030		TF		FB		315.0()	006.4		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	EJOCY	N400011.40	W0792418.00	N4000.190	W07924.300
	HRMAN	N395936.28	W0785155.48	N3959.605	W07851.925
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	SAMEE	N395954.45	W0790731.95	N3959.908	W07907.533
	VINSE	N395816.21	W0775721.20	N3958.270	W07757.353
	RW08	N401227.44	W0795017.06	N4012.457	W07950.284
	RW26	N401242.60	W0794929.42	N4012.710	W07949.490

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	01228	51
	RW26	01223	50

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