

**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.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
PAATS (RNAV)	THREE	PAATS.PAATS3	TWO	01/10/2013	01 FEB 2018

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
FLATROCK	FAK.PAATS3	FAK VORTAC	SHONA	047.69	20.00	17000			
		SHONA	BUKYY	047.83	67.21	17000			
		BUKYY	JAYBO	086.98	35.02	14000			
		JAYBO	HEDGE	087.49	9.00	12000			
		HEDGE	CANNY	048.34	12.57	11000			
		CANNY	ESSSO	016.85	13.42	6000			
GORDONSVILLE	GVE.PAATS3	GVE VORTAC	BUKYY	069.59	78.32	17000			
		BUKYY	JAYBO	086.98	35.02	14000			
		JAYBO	HEDGE	087.49	9.00	12000			
		HEDGE	CANNY	048.34	12.57	11000			
		CANNY	ESSSO	016.85	13.42	6000			
PATUXENT	PXT.PAATS3	PXT VORTAC	GARED	047.99	30.17	15000			

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PAATS (RNAV)	THREE	PAATS.PAATS3	TWO	01/10/2013	01 FEB 2018
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	GARED	HEDGE	048.22	14.70	12000
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	HEDGE	CANNY	048.34	12.57	11000
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	CANNY	ESSO	016.85	13.42	6000
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ARRIVAL ROUTE DESCRIPTION:

FROM OVER ESSO ON TRACK 046.03/7.52 NM TO PAATS (MEA 6000) THENCE...

...LANDING MQS: FROM OVER PAATS ON TRACK 025.89/16.61 TO RANSM (MEA 4000) THEN ON HEADING 352.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

...LANDING PNE, TTN: FROM OVER PAATS ON TRACK 025.89/16.61 TO RANSM (MEA 4000), THEN ON TRACK 076.11/20.05 TO WOJIK (MEA 4000), THEN ON TRACK 086.60/7.41 NM TO PSOUT (MEA 3000), THEN ON HEADING 032.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING PHL RWY 9L, 9R: FROM OVER PAATS ON TRACK 060.91/16.04 TO TLUKS (MEA 3000), THEN ON TRACK 353.29/11.06 TO CROSS CHEAZ AT 190 KIAS (MEA 3000), THEN ON TRACK 266.22/7.66 TO STAYK (MEA 3000), THEN ON TRACK 266.22. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING PHL RWY 17, 35: FROM OVER PAATS ON TRACK 069.61/12.99 TO TEBEE (MEA 3000), THEN ON HEADING 057.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING PHL RWY 26, 27L, 27R: FROM OVER PAATS ON TRACK 080.79/12.63 TO RROLL (MEA 4000), THEN ON TRACK 055.45/16.15 TO BEELZ (MEA 4000), THEN ON TRACK 006.76/8.61 TO CROSS WOJIK AT 190 KIAS (MEA 4000), THEN ON TRACK 086.60/7.41 TO PSOUT (MEA 3000), THEN ON TRACK 086.60. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.



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PAATS (RNAV)	THREE	PAATS.PAATS3	TWO	01/10/2013	01 FEB 2018

PROCEDURAL DATA NOTES:**NOTE:** DME/DME/IRU OR GPS REQUIRED.**NOTE:** RNAV 1.**NOTE:** FOR TURBOJETS ONLY.**NOTE:** PXT TRANSITION AS ASSIGNED BY ATC.**NOTE:** RADAR REQUIRED.**CHART:** EXPECT TO CROSS JAYBO AT 15000.**CHART:** EXPECT TO CROSS GARED AT 13000.**CHART:** LANDING PHL EXPECT TO CROSS ESSO AT 10000 AND 250 KIAS. LANDING ALL OTHER AIRPORTS EXPECT TO CROSS ESSO AT 12000 AND 250 KIAS.**CHART:** LANDING PHL: CROSS WOJIK AT 190 KIAS.**CHART:** CROSS CHEAZ AT 190 KIAS**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING PATTERNS: BUKYY (HOLD SW, RT, 056.00 INBOUND, 10 NM LEGS); GARED (HOLD SW, LT, 047.99 INBOUND, 10 NM LEGS); PAATS (HOLD SW, LT, 051.18 INBOUND, 4 NM LEGS, 210 KIAS).

COMMUNICATIONS:

PHILADELPHIA INTL D-ATIS ARR, NORTHEAST PHILADELPHIA ATIS, TRENTON MERCER ATIS, CHESTER COUNTY G. O. CARLSON AWOS, PHILADELPHIA APPROACH CONTROL,

AIRPORTS SERVED:

AIRPORT NAME	CITY	STATE
PHILADELPHIA INTL	PHILADELPHIA	PA
CHESTER COUNTY G. O. CARLSON	COATESVILLE	PA
NORTHEAST PHILADELPHIA	PHILADELPHIA	PA
TRENTON MERCER	TRENTON	NJ

LOST COMMUNICATIONS PREFERENCES:

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PAATS (RNAV)	THREE	PAATS.PAATS3	TWO	01/10/2013	01 FEB 2018

REMARKS:

ABBREVIATED AMENDMENT
THIS AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

REFERENCE MAGVAR: KPHL 12W/2020
DME/DME ASSESSMENT: SAT (RNP 2.0)

Digitally signed by
ADOLFO D URRUTIA

FLIGHT INSPECTED BY:

Dec 11, 2017

ORGANIZATION:**DATE:**

FLIGHT INSPECTION NOT REQUIRED, MANAGER ROBERT STUCKERT
Digitally signed by

AJW-331

Flight Inspected Signature:

DEVELOPED BY:

ADOLFO D URRUTIA

HERMAN ROGERS

Dec 11, 2017

AJV-5432

08/01/2017

Developed By Signature:

HERMAN CLAUDE ROGERS

*Digitally signed by HERMAN CLAUDE ROGERS
Date: 2017.08.01 17:56:28 -05'00'*

APPROVED BY:

Digitally signed by

PATRICK MULQUEEN

ADOLFO D URRUTIA

Dec 11, 2017

AJV-5430

Approved By Signature:

CHANGES:

1. AMENDED REFERENCE MAGVAR FROM 10W/1980 TO 12W/2020.
2. ALL MAGNETIC HEADINGS INCREASED BY 2 DEGREES.
3. CHANGED HOLDING INBOUND COURSE AT BUKYY FROM 054.00 TO 056.00.
4. CHANGED HOLDING INBOUND COURSE AT GARED FROM 045.99 TO 047.99.
5. CHANGED HOLDING INBOUND COURSE AT PAATS FROM 049.18 TO 051.18.

REASONS:

1. TO CORRESPOND WITH AIRPORT CAT II/III PROCEDURES.
- 2/3/4/5. DUE TO REFERENCE MAGVAR UPDATE FROM 10W TO 12W.

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Title:



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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
PAATS (RNAV)	THREE	PAATS.PAATS3	TWO	01/10/2013	01 FEB 2018

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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EN ROUTE TRANSITION

FAK VORTAC	373142.63N/0774941.59W	Y	-	IF	-	-			FAK.PAATS3
SHONA	374757.54N/0773458.40W	Y	FB	TF	035.69	20.00			
BUKYY	384220.00N/0764442.63W	Y	FB	TF	035.83	67.21			
JAYBO	385117.17N/0760124.35W	Y	FB	TF	074.98	35.02			
HEDGE	385332.11N/0755014.46W	Y	FB	TF	075.49	9.00			
CANNY	390339.92N/0754040.65W	Y	FB	TF	036.34	12.57			
ESSSO	391703.00N/0753913.00W	Y	FB	TF	004.85	13.42			

ENROUTE TRANSITION

GVE VORTAC	380048.96N/0780910.89W	Y	-	IF	-	-			GVE.PAATS3
BUKYY	384220.00N/0764442.63W	Y	FB	TF	057.59	78.42			
JAYBO	385117.17N/0760124.35W	Y	FB	TF	074.98	35.02			
HEDGE	385332.11N/0755014.46W	Y	FB	TF	075.49	9.00			
CANNY	390339.92N/0754040.65W	Y	FB	TF	036.34	12.57			

QUALITY
14
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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ESSSO	391703.00N/0753913.00W	Y	FB	TF	004.85	13.42			
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ENROUTE TRANSITION

PXT VORTAC	381716.25N/0762400.81W	Y	-	IF	-	-		PXT.PAATS3	
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GARED	384140.41N/0760121.96W	Y	FB	TF	035.99	30.17			
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HEDGE	385332.11N/0755014.46W	Y	FB	TF	036.22	14.70			
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CANNY	390339.92N/0754040.65W	Y	FB	TF	036.34	12.57			
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ESSSO	391703.00N/0753913.00W	Y	FB	TF	004.85	13.42			
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COMMON ROUTE

ESSSO	391703.00N/0753913.00W	Y		IF	-	-			
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PAATS	392317.01N/0753347.46W	Y	FB	TF	034.03	7.52			
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RUNWAY TRANSITION

PAATS	392317.01N/0753347.46W	Y	-	IF	-	-			
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RANSM	393925.02N/0752837.70W	Y	FO	TF	013.89	16.61			
MQS		-	-	VM	340.00	-			
RUNWAY TRANSITION									
PAATS	392317.01N/0753347.46W	Y	-	IF	-	-			
RANSM	393925.02N/0752837.70W	Y	FB	TF	013.89	16.61			
WOJIK	394808.34N/0750513.46W	Y	FB	TF	064.11	20.05			
PSOUT	395006.14N/0745557.16W	Y	FO	TF	074.60	7.41			
PNE, TNN		-	-	VM	020.00	-			
RUNWAY TRANSITION									
PAATS	392317.01N/0753347.46W	Y	-	IF	-	-			
TLUKS	393348.94N/0751809.69W	Y	FB	TF	048.91	16.04			
CHEAZ	394417.98N/0752245.71W	Y	FB	TF	341.29	11.06		AT 190 KIAS	
STAYK	394212.47N/0753218.87W	Y	FO	TF	254.22	7.66			

QUALITY
14
CHECKED

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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PHL RWY 9L, 9R		-	-	FM	254.22	-			
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RUNWAY TRANSITION

PAATS	392317.01N/0753347.46W	Y	-	IF	-	-			
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RROLL	392750.44N/0751835.08W	Y	FB	TF	068.79	12.63			
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BEELZ	393933.42N/0750412.28W	Y	FB	TF	043.45	16.15			
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WOJIK	394808.34N/0750513.46W	Y	FB	TF	354.76	7.41		AT 190 K	
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PSOUT	395006.14N/0745557.16W	Y	FO	TF	074.60				
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PHL RWY 26, 27L, 27R		-	-	FM	074.60	-			RECOMMENDED NAVAID: GXU VORTAC
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RUNWAY TRANSITION

PAATS	392317.01N/0753347.46W	Y	-	IF	-	-			
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TEBEE	393013.97N/0751937.19W	Y	FO	TF	057.61	12.99			
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PHL RWY 17, 35		-	-	VM	045.00	-			
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