

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.  
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SPUDS (RNAV)	SEVEN	LVZ.SPUDS7	SIX	08/10/2023	30 NOV 2023

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BINGHAMTON	CFB.SPUDS7	CFB VOR/DME	CFB VOR/DME						
			LECOR	171.12	45.01	10000	4800		
			LVZ VORTAC	171.33	11.72	10000	4800		
DELANCEY	DNY.SPUDS7	DNY VOR/DME	DNY VOR/DME						
			HARVA	223.46	15.00	15000	4900		
			CORLE	223.34	36.50	10000	4700		
			LVZ VORTAC	223.07	12.00	10000	4600		

ARRIVAL ROUTE DESCRIPTION:

FROM LVZ VORTAC ON TRACK 191.65/32.06 TO SLATT (MEA 10000), THEN ON TRACK 191.67/9.43 TO ETX VOR/DME (MEA 8000), THEN ON TRACK 136.00/13.87 TO SPUDS (MEA 5000), THEN ON TRACK 167.97/12.14 TO ANMAR (MEA 5000) THEN...

...LANDING RWY 27L/27R: THEN FROM ANMAR ON TRACK 168.21/13.79 TO BOJID (MEA 3000). THEN ON TRACK 176.64/5.21 TO HIFAL, THEN ON TRACK 086.47/4.35 TO EYRIE (MEA 2500).

THEN ON TRACK 085.91/12.46 TO FERUS (MEA 2000), THEN ON HEADING 085.91. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

...LANDING RWY 9L/9R: THEN FROM ANMAR ON TRACK 211.94/12.74 TO SCOOL (MEA 2200), THEN ON TRACK 178.94/8.06 TO KYILL, THEN ON TRACK 265.26/6.14 TO EXPRS (MEA 2000). THEN ON TRACK 267.03/13.62 TO WHEYY, THEN ON HEADING 267 03. 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:

NOTE: JET AIRCRAFT ONLY

NOTE: CAUTION: PARACHUTE JUMPING 7 NM SE SPUDS, 1.5 NM RADIUS PENNRIDGE AIRPORT, AOB 14500 (SR-SS).

NOTE: WHEN LANDING RWY 9L/9R OR RWY 27L/27R, EXPECT TO CROSS SPUDS AT 10000 AND AT 250 KIAS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT SPUDS: HOLD NW, RT, 136.00 INBOUND, 7 NM LEGS, 210 KIAS.

COMMUNICATIONS:

CHART: PHILADELPHIA APCH CONTROL

CHART: PHILADELPHIA FINAL CONTROL

CHART: PHILADELPHIA TOWER (RWY 9L/27R AND 17/35) AND (RWY 9R/27L)

CHART: GROUND CONTROL



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AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KPHL	PHILADELPHIA	PA

LOST COMMUNICATIONS PREFERENCES:REMARKS:

ABBREV AMDT (8260.19I CRITERIA NOT BEING APPLIED).

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 1.0)

MAG VAR: KPHL 12W/2020

CHART AIRPORT (IN GREYSCALE) PENNRIDGE (KCKZ)

FLIGHT INSPECTED BY:

ORGANIZATION: DATE:

Processed IAW Technical Support Group (AJF-17) Memo dated 07/07/2021, Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation.

Flight Inspected Signature:

*Digitally signed by*

**DAVID DANNER**

Aug 30, 2023

*Digitally signed by*

**DAVID DANNER**

Aug 30, 2023

*Digitally signed by*

**DAVID DANNER**

Aug 30, 2023

DEVELOPED BY:

KISSY MAXFIELD

EST FPT

08/21/2023

Developed By Signature:

APPROVED BY:

PAT MULQUEEN

AJV-A440

Approved By Signature:

CHANGES:

1. PROCEDURE DATA NOTES: REMOVED ALL EXPECT NOTES EXCEPT FOR SPUDS.

REASONS:

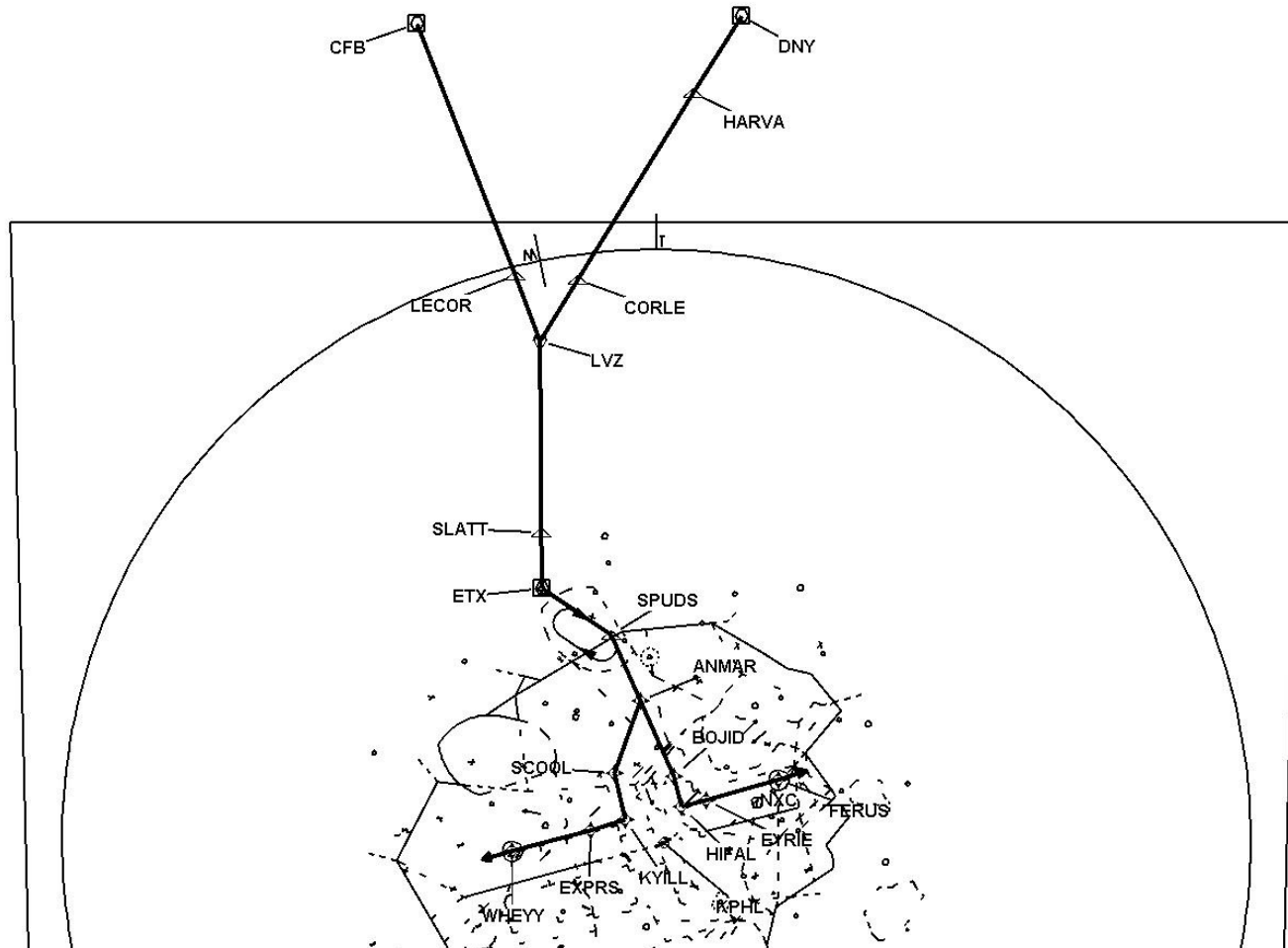
1. ATC REQUEST.

QUALITY  
14  
CHECKED

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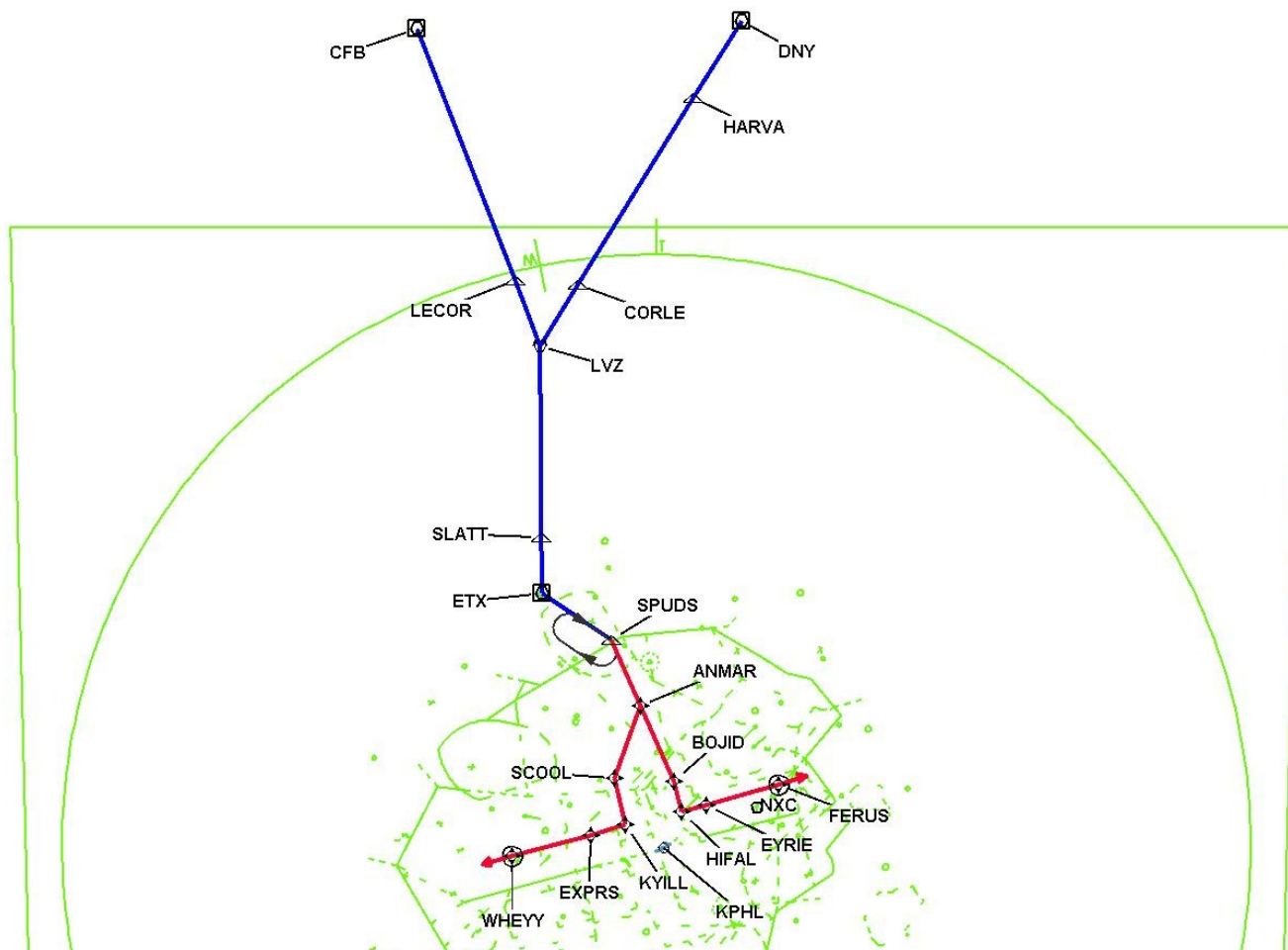
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Graphic Depiction 1					



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Graphic Depiction 2					



**FEDERAL AVIATION ADMINISTRATION  
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STAR (DATA RECORD)**

Arrival Name SPUDS (RNAV)		Number SEVEN		STAR Computer Code LVZ.SPUDS7			Superseded Number SIX		Dated 08/10/2023	Effective Date 30 NOV 2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
CFB VOR/DME	420926.97N / 0760811.30W	Y		IF					CFB.SPUDS7	
LECOR	412720.73N / 0754651.31W	Y	FB	TF	159.12	45.01				
LVZ VORTAC	411622.08N / 0754122.08W	Y	FB	TF	159.33	11.72				
En Route Transition										
DNY VOR/DME	421041.81N / 0745724.99W	Y		IF					DNY.SPUDS7	
HARVA	415753.32N / 0750754.65W	Y	FB	TF	211.46	15.00				
CORLE	412639.50N / 0753309.21W	Y	FB	TF	211.34	36.50				
LVZ VORTAC	411622.08N / 0754122.08W	Y	FB	TF	211.07	12.00				
Common Route										
LVZ VORTAC	411622.08N / 0754122.08W	Y		IF					LVZ.SPUDS7	
SLATT	404417.64N / 0754106.83W	Y	FB	TF	179.65	32.06				
ETX VOR/DME	403451.74N / 0754102.51W	Y	FB	TF	179.67	09.43				
SPUDS	402704.91N / 0752558.56W	Y	FB	TF	124.00	13.87				
ANMAR	401559.00N / 0751931.00W	Y	FB	TF	155.97	12.14				
Runway Transition										
ANMAR	401559.00N / 0751931.00W	Y		IF						
BOJID	400320.87N / 0751216.25W	Y	FB	TF	156.21	13.79				
HIFAL	395819.20N / 0751028.56W	Y	FB	TF	164.64	05.21				
EYRIE	395929.04N / 0750501.32W	Y	FB	TF	074.47	04.35				
FERUS	400255.30N / 0744926.23W	Y	FO	TF	073.91	12.46				
KPHL:RWY27L RW27R				VM	073.91					
Runway Transition										
ANMAR	401559.00N / 0751931.00W	Y		IF						
SCOOL	400359.93N / 0752510.55W	Y	FB	TF	199.94	12.74				

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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>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
KYILL	395608.16N / 0752248.43W	Y	FB	TF	166.94	08.06			
EXPRS	395421.73N / 0753026.94W	Y	FB	TF	253.26	06.14			
WHEY	395049.16N / 0754731.85W	Y	FO	TF	255.03	13.62			
KPHL:RWY9L RWY9R				VM	255.03				