

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JIIMS (RNAV)	FOUR	JIIMS.JIIMS4	THREE	02/01/2018	04/20/2023

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BRIGS	BRIGS.JIIMS4	BRIGS	BRIGS						
			IROKT	283.50	28.42	6000	1600		
			JIIMS	283.20	10.04	6000	1600		
DASHA	DASHA.JIIMS4	DASHA	DASHA						
			WNSTN	314.29	25.18	6000	1600		
			HEKMN	355.71	17.59	6000	1600		
			JIIMS	355.67	10.03	6000	1600		
ZJAAY	ZJAAY.JIIMS4	ZJAAY	ZJAAY						
			PKCHP	036.78	34.43	6000	1700		
			RADD5	038.63	05.00	6000	1700		
			WNSTN	038.66	30.00	6000	1700		
			HEKMN	355.71	17.59	6000	1600		
			JIIMS	355.67	10.03	6000	1600		

ARRIVAL ROUTE DESCRIPTION:

LANDING KPHL RWY 9L/R: FROM JIIMS ON TRACK 290.23 TO WUDRR, THEN ON TRACK 306.52 TO WEVVE, THEN ON TRACK 267.52 TO ERNYY, THEN ON TRACK 267.52. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPHL RWY 35, 17: FROM JIIMS ON TRACK 312.00 TO SNEDE, THEN ON TRACK 312.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPHL RWY 26, 27L/R: FROM JIIMS ON TRACK 336.26 TO ZMRMN, THEN ON TRACK 019.16 TO CHPMN, THEN ON TRACK 059.61 TO PSOUT, THEN ON TRACK 087.00 TO MKORD, THEN ON TRACK 087.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KILG: FROM JIIMS ON TRACK 285.42 TO MDOGG, THEN ON TRACK 287.46 TO TRNBL, THEN ON TRACK 287.46. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMQS: FROM JIIMS ON TRACK 285.42 TO MDOGG, THEN ON TRACK 324.45 TO RANSM, THEN ON TRACK 352.00 TO EBRLY, THEN ON TRACK 352.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KTTN/KPNE: FROM JIIMS ON TRACK 336.26 TO ZMRMN, THEN ON TRACK 013.65 TO WOJIK, THEN ON TRACK 086.60 TO PSOUT, THEN ON TRACK 029.00 TO HENYY, THEN ON TRACK 029.00. 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

QUALITY
48
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FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT JIIMS: HOLD SW, LT, 048.00 INBOUND, 4 NM LEGS, 210 KIAS.

CHART HOLDING AT PKCHP: HOLD SW, LT, 038.63 INBOUND, 10 NM LEGS.

CHART HOLDING AT WNSTN: HOLD SW, RT, 038.66 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: KMQS AWOS

CHART: PHL APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KPHL	PHILADELPHIA	PA
KMQS	COATESVILLE	PA
KILG	WILMINGTON	DE
KPNE	PHILADELPHIA	PA
KTTN	TRENTON	NJ

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KPHL 12W/2020.

CHART AT ERNYY TERMINUS: KPHL LDG RWY 09L/R.

CHART AT MKORD TERMINUS: KPHL LDG RWY 27L/R, 26.

CHART AT SNEDE TERMINUS: KPHL LDG RWY 17, 35.

CHART AT TRNBL TERMINUS: LDG KILG.

CHART AT EBRLY TERMINUS: LDG KMQS.

CHART AT HENYY TERMINUS: LDG KPNE AND KTTN.

CHART NOTE: USE CAUTION: PARACHUTE JUMPING 2.7 NM SE CHPMN, 1.5 NM

RADIUS OF CROSS KEYS AIRPORT, AOB 13,500 (SR-SS).



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JIIMS (RNAV)	FOUR	JIIMS.JIIMS4	THREE	02/01/2018	04/20/2023

FLIGHT INSPECTED BY:

PENDING

ORGANIZATION: **DATE:**

Flight Inspected Signature:

Digitally signed by
JOHNNIE BAKER

Feb 28, 2023

DEVELOPED BY:

ERIC N. SUSKI (ANDRE TUCKER)

AJV-A431

10/07/2022

Developed By Signature:

Digitally signed by
JOHNNIE BAKER

Feb 28, 2023

APPROVED BY:

JOHNNIE BAKER

AJV-A430

Approved By Signature:

Digitally signed by
JOHNNIE BAKER

Feb 28, 2023

CHANGES:

1. Deleted SWL En Route Transition.
2. Added ZJAAY En Route Transition.
3. Removed NAVAID SWL.
4. Removed points TLUKS, CHEAZ and STAYK.
5. Amended KPHL RWY 09L AND 09R Transition to "JIIMS BUKLY WEVVE ERNYY TRACK 267.52".
6. Amended KPHL RWY 17 AND 35 Transition to "JIIMS SNEDE TRACK 312.00".
7. Amended KPHL RWY 26, 27L AND 27R Transition to "JIIMS ZMRMN CHPMN PSOUT MKORD TRACK 087.00".
8. Amended KILG Common Route to "JIIMS MDOGG TRNBL TRACK 287.46".
9. Amended KMQS Common Route to "JIIMS MDOGG RANSM EBRLY TRACK 352.00".
10. Amended KPNE/KTTN Common Route to "JIIMS ZMRMN WOJIK PSOUT HENYY TRACK 029.00".
11. Added Charted Holding at PKCHP and WNSTN.
12. Removed ALL EXPECT ALTITUDE CHART NOTES.
13. Removed EXPECT SPEED CHART NOTES and CROSS WOJIK AT 190 KIAS NOTE.
14. Removed AIRPORT NAMES from AIRPORTS SERVED.
15. Changed "TURBOJETS" to "JETS" in NOTES.
16. Removed RECOMMENDED NAVAID GXU VORTAC.
17. Published MOCA DATA for ENROUTE TRANSITIONS.
18. Changed all MEA'S to 6000.
19. Added TERMINUS DATA to ADDITIONAL FLIGHT DATA.
20. Removed MEAs and MOCAs from Common Routes and Runway Transitions.

REASONS:

- 1-3. VOR MON DECOMMISSIONING.
4. ATC REQUEST AND NO LONGER NEEDED.
- 5-10. ATC REQUEST TO IMPROVE EFFICIENCY AND ALIGN WITH WITH CURRENT TRAFFIC FLOWS.
11. ATC REQUEST TO FACILITATE HOLDING.
- 12-13. IAW 8260.19I 4-5-2E AND ATC REQUEST AND NO LONGER NEEDED.
- 14-17. IAW 8260-19I DOCUMENTATION STANDARDS.
18. MATCH DME/DME ASSESMENT RESULTS.
- 19-20. IAW 8260.19I 4-5-2H(2) AND 8260.19I 4-5-12B(8).

1/26/2023: THIS IS AN UPDATED COPY FOR THE FORM
DEVELOPED ON 10/7/2022
ADDED TO ADDITIONAL FLIGHT DATA: CAUTION: PARACHUTE
JUMPING 2.7 NM SE CHPMN, 1.5 NM RADIUS OF CROSS KEYS
AIRPORT, AOB 13,500 (SR-SS).

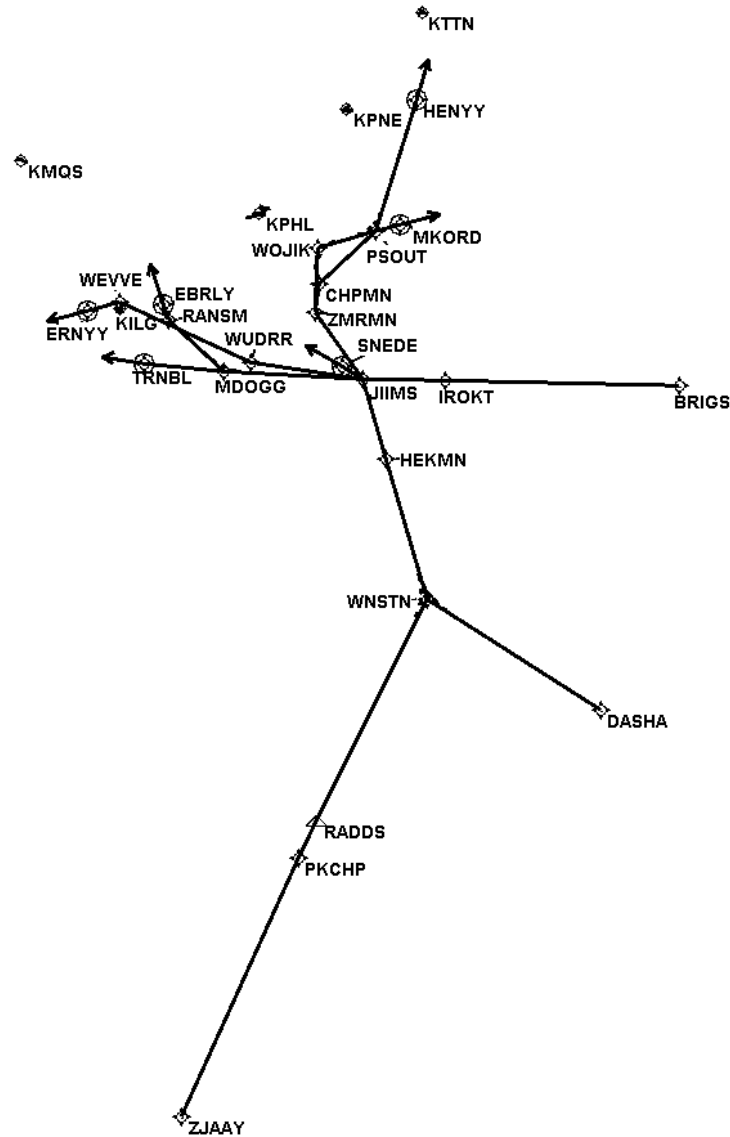
2/27/2023: THIS IS AN UPDATED COPY FOR THE FORM
DEVELOPED ON 10/7/2022
HEADING- ADDED EFFECTIVE DATE 04/20/2023. - PROJECT
WAS CHANGED FROM ROUTINE TO HARD DATE.



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JIIMS (RNAV)	FOUR	JIIMS.JIIMS4	THREE	02/01/2018	04/20/2023
Graphic Depiction 1					

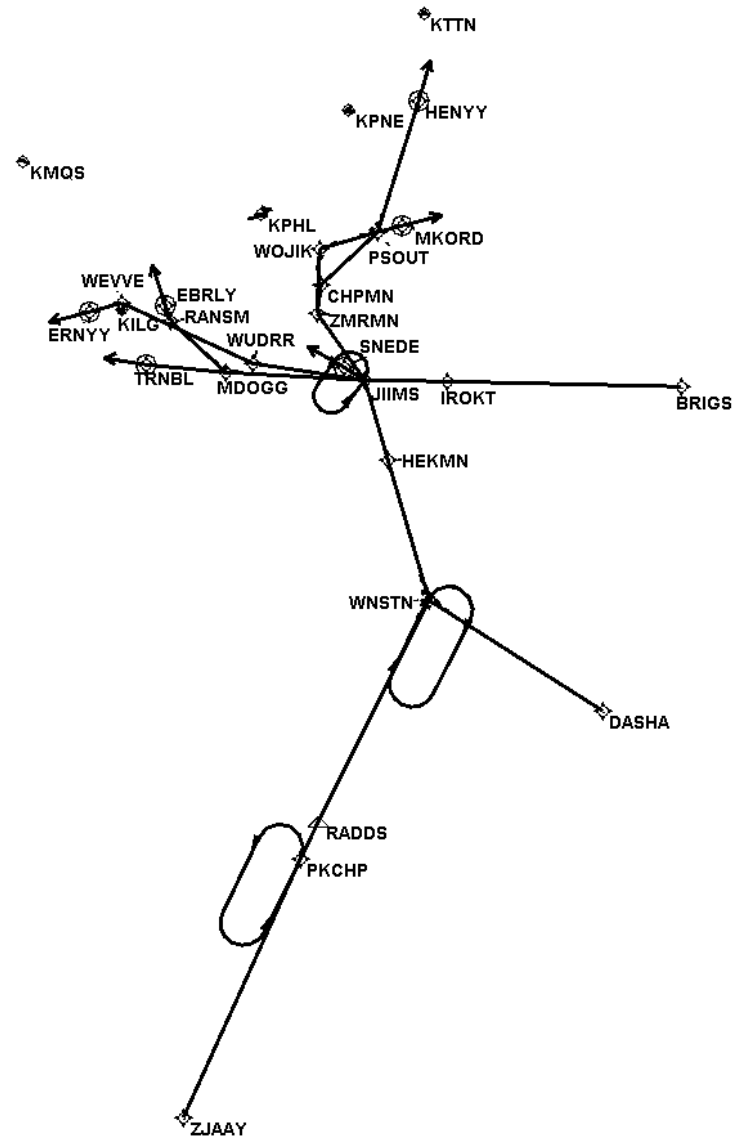


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JIIMS (RNAV)	FOUR	JIIMS.JIIMS4	THREE	02/01/2018	04/20/2023
Graphic Depiction 2					

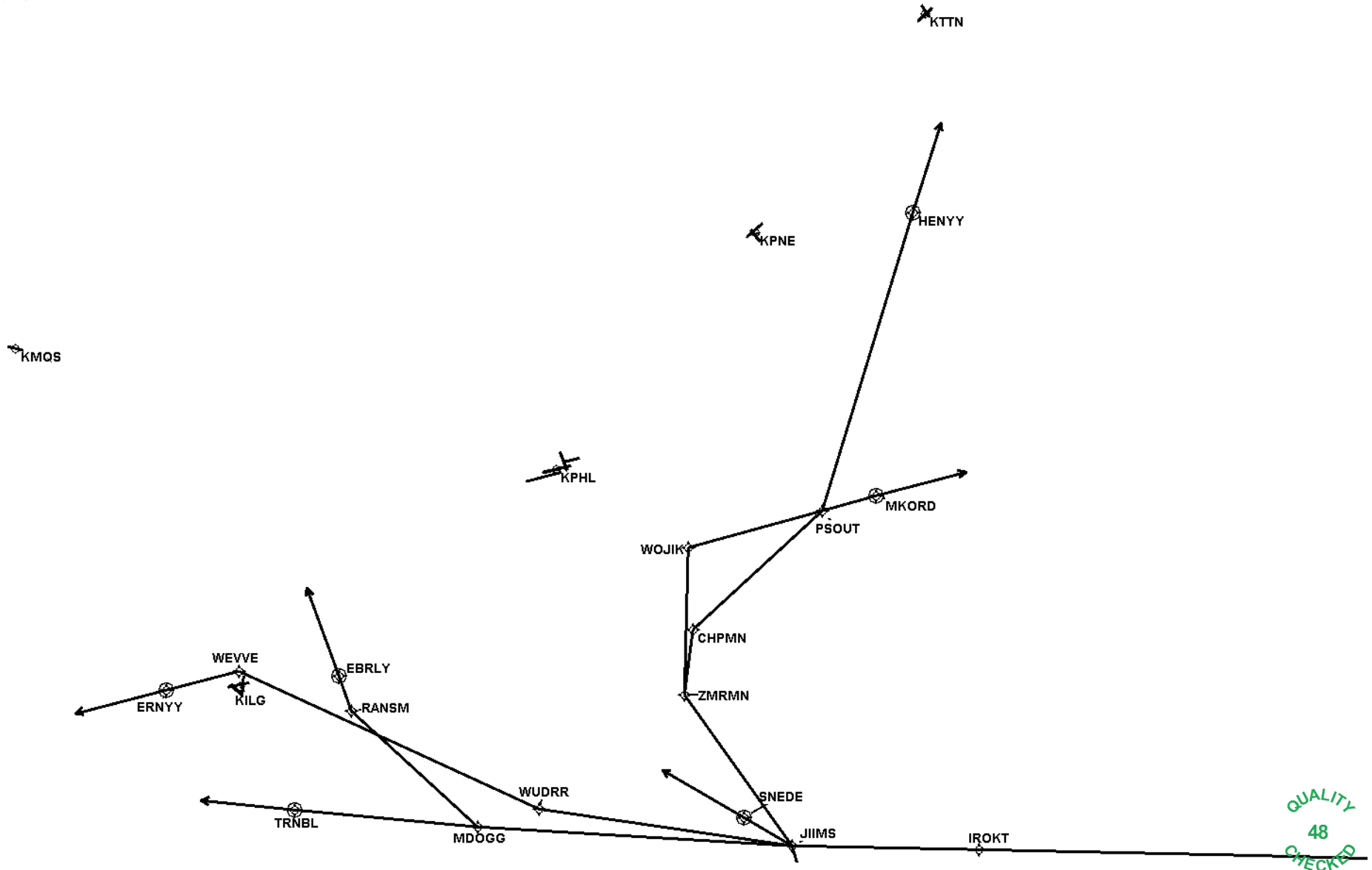


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Graphic Depiction 3					



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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name JIIMS (RNAV)		Number FOUR		STAR Computer Code JIIMS.JIIMS4		Superseded Number THREE		Dated 02/01/2018	Effective Date 04/20/2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BRIGS	393124.72N / 0740819.67W	Y		IF					BRIGS.JIIMS4
IROKT	393203.71N / 0744502.87W	Y	FB	TF	271.50	28.42			
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	271.20	10.04			
En Route Transition									
DASHA	385219.09N / 0742040.37W	Y		IF					DASHA.JIIMS4
WNSTN	390543.81N / 0744801.20W	Y	FB	TF	302.29	25.18			
HEKMN	392237.47N / 0745422.94W	Y	FB	TF	343.71	17.59			
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	343.67	10.03			
En Route Transition									
ZJAAY	380309.95N / 0752634.27W	Y		IF					ZJAAY.JIIMS4
PKCHP	383426.38N / 0750810.10W	Y	FB	TF	024.78	34.43			
RADDS	383854.80N / 0750518.48W	Y	FB	TF	026.63	05.00			
WNSTN	390543.81N / 0744801.20W	Y	FB	TF	026.66	30.00			
HEKMN	392237.47N / 0745422.94W	Y	FB	TF	343.71	17.59			
JIIMS	393215.62N / 0745801.72W	Y	FB	TF	343.67	10.03			
Common Route									
JIIMS	393215.62N / 0745801.72W	Y		IF					JIIMS.JIIMS4
MDOGG	393314.23N / 0751952.80W	Y	FB	TF	273.42	16.93			
TRNBL	393409.96N / 0753235.72W	Y	FO	TF	275.46	09.88			
KILG				FM	275.46				
Common Route									
JIIMS	393215.62N / 0745801.72W	Y		IF					JIIMS.JIIMS4
MDOGG	393314.23N / 0751952.80W	Y	FB	TF	273.42	16.93			
RANSM	393925.02N / 0752837.70W	Y	FB	TF	312.45	09.16			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
EBRLY	394117.87N / 0752930.87W	Y	FO	TF	340.00	02.00			
KMQS				FM	340.00				
Common Route									
JIIMS	393215.62N / 0745801.72W	Y		IF					JIIMS.JIIMS4
ZMRMN	394017.79N / 0750531.00W	Y	FB	TF	324.26	09.90			
WOJIK	394808.34N / 0750513.46W	Y	FB	TF	001.65	07.84			
PSOUT	395006.14N / 0745557.16W	Y	FB	TF	074.60	07.41			
HENYY	400558.20N / 0744938.00W	Y	FO	TF	017.00	16.58			
KPNE,KTTN				FM	017.00				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					
WUDRR	393412.44N / 0751536.71W	Y	FB	TF	278.23	13.74			
WEVVE	394131.35N / 0753627.25W	Y	FB	TF	294.52	17.68			
ERNYY	394031.19N / 0754128.22W	Y	FO	TF	255.52	04.00			
KPHL:RWY 9L,RWY 9R				FM	255.52				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					
SNEDE	393345.65N / 0750123.29W	Y	FO	TF	300.00	03.00			
KPHL:RWY 17,RWY 35				FM	300.00				
Runway Transition									
JIIMS	393215.62N / 0745801.72W	Y		IF					
ZMRMN	394017.79N / 0750531.00W	Y	FB	TF	324.26	09.90			
CHPMN	394346.53N / 0750457.02W	Y	FB	TF	007.16	03.50			

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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>
PSOUT	395006.14N / 0745557.16W	Y	FB	TF	047.61	09.39			
MKORD	395052.70N / 0745211.41W	Y	FO	TF	075.00	03.00			
KPHL:RWY 26,RWY 27L,RWY 27R				FM	075.00				

