

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
KOLTS (RNAV)	THREE	KOLTS.KOLTS3	TWO	11/10/2016	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
JAAVE	JAAVE.KOLTS3	JAAVE	JAAVE						
			KOLTS	094.78	07.52	2600	2600		BETWEEN FL240 AND FL260
SOCER	SOCER.KOLTS3	SOCER	SOCER						
			JAAVE	094.56	77.58	3100	3100		
			KOLTS	094.78	07.52	2600	2600		BETWEEN FL240 AND FL260

ARRIVAL ROUTE DESCRIPTION:

IND: FROM KOLTS ON TRACK 094.86/24.71 TO GARTE, THEN ON TRACK 094.27/26.65 TO CROSS KNIDY BETWEEN 12000 AND 17000 AND AT 280 KIAS, THEN ON TRACK 093.85/4.87 TO CROSS CIRGO BETWEEN 11000 AND 13000, THEN ON TRACK 094.58/8.00 TO CROSS EKEKE AT OR ABOVE 10000 AND AT 250 KIAS.

LANDING IND RWY 5L/R: FROM EKEKE ON TRACK 091.93/11.61 TO CROSS CIBOV AT OR ABOVE 7000 AND AT 230 KIAS, THEN ON TRACK 139.34/5.64 TO CROSS PETYN AT 6000 AND AT 210 KIAS, THEN ON TRACK 229.31/5.03 TO CROSS WANOB AT 6000 AND AT 210 KIAS, THEN ON TRACK 229.31. EXPECT ASSIGNED INSTRUMENT APPROACH FOR RWY 5L/R OR RADAR VECTORS TO THE FINAL APPROACH COURSE.

LANDING IND RWY 23L/R: FROM EKEKE ON TRACK 107.53/9.62 TO CROSS MRRRK AT OR ABOVE 7000 AND AT 230 KIAS, THEN ON TRACK 106.19/6.36 TO CROSS PETYN AT 6000 AND AT 210 KIAS, THEN ON TRACK 049.75/4.34 TO CROSS BREAK AT 6000 AND AT 210 KIAS, THEN ON TRACK 049.75. EXPECT ASSIGNED INSTRUMENT APPROACH FOR RWY 23L/R OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING IND RWY 32: FROM EKEKE ON TRACK 126.05/15.34 TO CROSS FRUTI AT OR ABOVE 7000 AND AT 230 KIAS, THEN ON TRACK 139.68/6.03 TO CROSS FLAYD AT 6000 AND AT 210 KIAS, THEN ON TRACK 140.76/3.36 TO CROSS FIISH AT 6000 AND AT 210 KIAS, THEN ON TRACK 140.76. EXPECT ASSIGNED INSTRUMENT APPROACH FOR RWY 32 OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING GEZ/TYQ/HFY/EYE/MQJ/UMP: FROM KOLTS ON TRACK 094.86/24.71 TO GARTE, THEN ON TRACK 094.27/26.65 TO CROSS KNIDY BETWEEN 12000 AND 17000 AND AT 280 KIAS, THEN ON TRACK 093.85/4.87 TO CROSS CIRGO BETWEEN 11000 AND 13000, THEN ON TRACK 094.58/8.00 TO CROSS EKEKE AT OR ABOVE 10000 AND AT 250 KIAS, THEN ON TRACK 102.22/5.46 TO CROSS IRSAY AT 10000, THEN ON TRACK 102.22. 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: EXPECT DESCEND VIA CLEARANCE AND LANDING DIRECTION ASSIGNMENT BY INDIANAPOLIS CENTER. APPROACH WILL ASSIGN LANDING RWY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT GARTE: HOLD W, RT, 094.27 INBOUND, 10 NM LEGS.

CHART HOLDING AT JAAVE: HOLD W, RT, 094.78 INBOUND, 15 NM LEGS.

COMMUNICATIONS:



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AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
IND	INDIANAPOLIS	IN
EYE	INDIANAPOLIS	IN
TYQ	INDIANAPOLIS	IN
UMP	INDIANAPOLIS	IN
MQJ	INDIANAPOLIS	IN
HFY	INDIANAPOLIS	IN
GEZ	SHELBYVILLE	IN

LOST COMMUNICATIONS PREFERENCES:

IN THE EVENT OF LOST COMMUNICATION PRIOR TO RUNWAY ASSIGNMENT, PROCEED ON THE ILS OR LOC RWY 23R APPROACH.

REMARKS:

DO NOT CHART MOCA VALUES.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

ENVIRONMENTAL REVIEW: COMPLETE

NOISE SCREENING: COMPLETE

MAG VAR: IND 05W/2015

CHART AT FIISH TERMINUS: IND LDG RWY 32

CHART AT BREAK TERMINUS: IND LDG RWY 23L/R

CHART AT WANOB TERMINUS: IND LDG RWY 5L/R

CHART AT IRSAY TERMINUS: LDG EYE/GEZ/HFY/MQJ/TYQ/UMP

FLIGHT INSPECTED BY:

ORGANIZATION: **DATE:**

Flight Inspected Signature: _____

DEVELOPED BY:

GUY COPELAND

AJV-A421

06/01/2026

Developed By Signature: _____

APPROVED BY:

BEV BORDY

AJV-A4

Approved By Signature: _____

CHANGES:

1. REPLACED EN ROUTE TRANSITION START POINT USIRE WITH NEW FIX SOCER.
2. ADDED HOLDING AT JAAVE AND GARTE.



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3. COMMON ROUTE: ADDED KNIDY BETWEEN GARTE AND CIRGO, CHANGED ALTITUDE RESTRICTION AT CIRGO FROM AT/ABOVE 11000 TO BETWEEN 11000 AND 13000, ADDED SPEED RESTRICTION AT EKEKE AT 250 KIAS.
4. LANDING RWY 5L/R AND RWY 23L/R: REPLACED GAZPA. PETYN MOVED 1754 FT NORTHWEST.
5. LANDING RWY 5L/R: ADDED CIBOV BETWEEN EKEKE AND PETYN, TERMINUS WANOB MOVED 2.5 NM NORTHEAST.
6. LANDING RWY 23L/R: ADDED MRRRK BETWEEN EKEKE AND PETYN, CHANGED TERMINUS POINT FROM ZOSAR TO BREAK.
7. LANDING RWY 32: REMOVED FRENY, PNFLD, AND ZASNI; ADDED FRUTI, FLAYD, AND NEW TERMINUS FIISH.
8. ADDED NEW COMMON ROUTE SERVING SATELLITE AIRPORTS EYE, GEZ, HFY, MQJ, TYQ, UMP.
9. UPDATED ALL ARRIVAL ROUTE DESCRIPTIONS; COMBINED RWYS 5L WITH 5R, AND 23L WITH 23R.
10. INCREASED MOCA VALUE BETWEEN JAAVE AND KOLTS FROM 2200 TO 2600.
11. REMOVED RECOMMENDED NAVIAD FROM 17.2 FORM.
12. REMOVED IND APP CON AND ATIS FROM COMMUNICATIONS.
13. REMOVED AIRPORT NAME FROM AIRPORTS SERVED AND ADDED AIRPORT ID; REMOVED K IDENT FROM 17.1 FORM.
14. MOVED RADAR REQUIRED NOTE FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
15. REFORMATTED PROCEDURAL DATA NOTES RNAV 1 AND DME/DME/IRU OR GPS REQUIRED AS PBN EQUIPMENT NOTE RNAV 1 - DME/DME/IRU OR GPS.
16. ADDED TERMINUS DATA TO ADDITIONAL FLIGHT DATA.
17. CHANGED LOST COMMUNICATIONS PREFERENCES VERBIAGE FROM EXECUTE TO PROCEED.

REASONS:

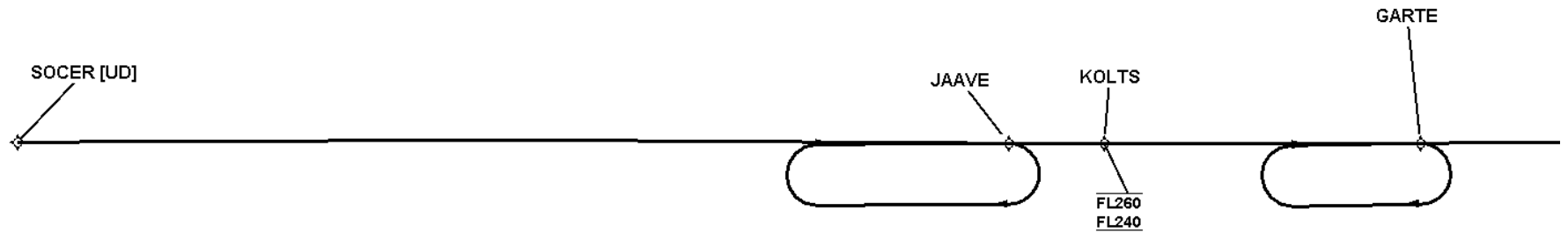
- 1-9. ATC REQUEST.
10. NEW OBSTACLE EVALUATION.
11. NO LONGER REQUIRED.
12. APPROACH CONTROL AND ATIS AUTOMATICALLY CHARTED AND DO NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19K 4-5-12(F).
13. IAW CURRENT DOCUMENTATION STANDARDS.
14. RADAR REQUIRED DOCUMENTED IAW 8260.19K 4-5-12(D)2(b).
15. PBN REQUIREMENTS DOCUMENTED IAW 8260.19K 4-5-3(D)1.
16. TERMINUS DATA ADDED IAW 8260.19K 4-5-2.h(2).
17. TO AVOID VERBIAGE THAT COULD BE MISTAKEN FOR A CODED ROUTE IAW 8260.19K 4-5-2.o(4).



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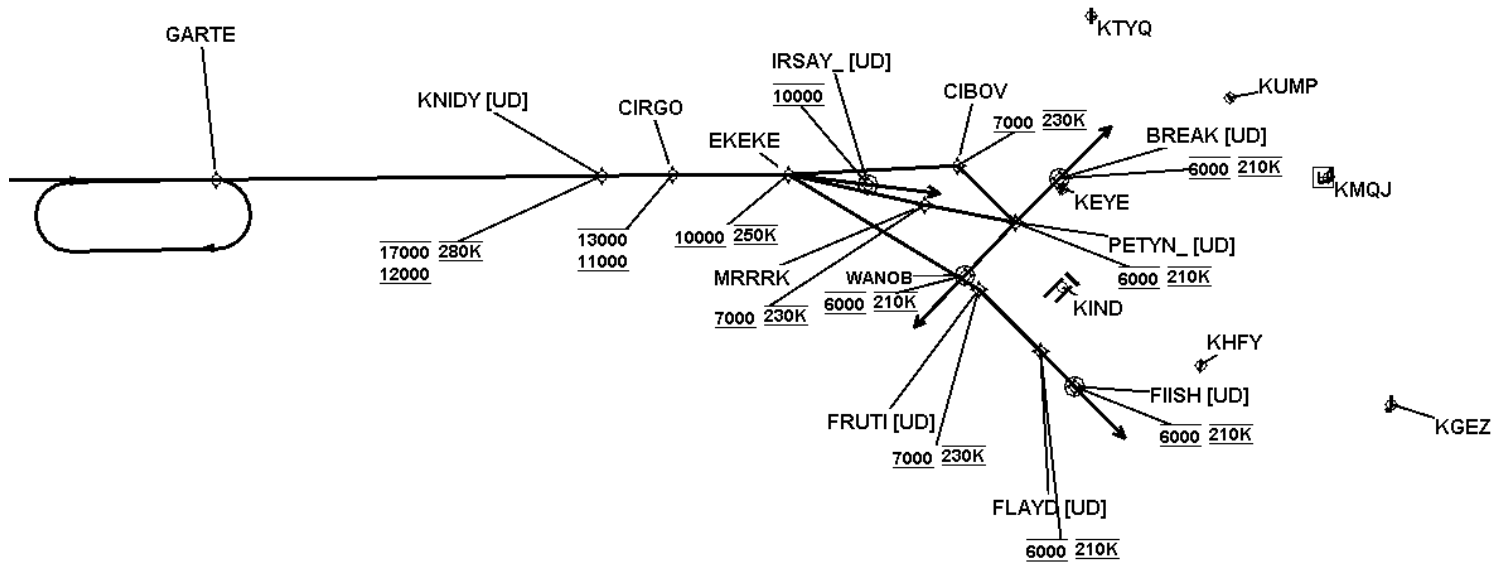
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KOLTS (RNAV)	THREE	KOLTS.KOLTS3	TWO	11/10/2016	
Graphic Depiction 1					



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KOLTS (RNAV)	THREE	KOLTS.KOLTS3	TWO	11/10/2016	
Graphic Depiction 2					



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

Arrival Name KOLTS (RNAV)		Number THREE		STAR Computer Code KOLTS.KOLTS3			Superseded Number TWO		Dated 11/10/2016	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
JAAVE	395025.89N / 0881517.00W	Y		IF					JAAVE.KOLTS3	
KOLTS	395027.18N / 0880531.52W	Y	FB	TF	089.78	07.52	FL240BFL260			
En Route Transition										
SOCER	395034.13N / 0895600.43W	Y		IF					SOCER.KOLTS3	
JAAVE	395025.89N / 0881517.00W	Y	FB	TF	089.56	77.58				
KOLTS	395027.18N / 0880531.52W	Y	FB	TF	089.78	07.52	FL240BFL260			
Common Route										
KOLTS	395027.18N / 0880531.52W	Y		IF			FL240BFL260		KOLTS.KOLTS3	
GARTE	395026.25N / 0873327.05W	Y	FB	TF	089.86	24.71				
KNIDY	395041.55N / 0865851.37W	Y	FB	TF	089.27	26.65	12000B17000	AT 280K		
CIRGO	395047.26N / 0865232.08W	Y	FB	TF	088.85	04.87	11000B13000			
EKEKE	395050.30N / 0864208.88W	Y	FB	TF	089.58	08.00	AT/ABOVE 10000	AT 250K		
Common Route										
KOLTS	395027.18N / 0880531.52W	Y		IF			FL240BFL260		KOLTS.KOLTS3	
GARTE	395026.25N / 0873327.05W	Y	FB	TF	089.86	24.71				
KNIDY	395041.55N / 0865851.37W	Y	FB	TF	089.27	26.65	12000B17000	AT 280K		
CIRGO	395047.26N / 0865232.08W	Y	FB	TF	088.85	04.87	11000B13000			
EKEKE	395050.30N / 0864208.88W	Y	FB	TF	089.58	08.00	AT/ABOVE 10000	AT 250K		
IRSAY	395008.85N / 0863506.80W	Y	FO	TF	097.22	05.46	AT 10000			
KEYE,KGEZ,KH FY, KM QJ,KTYQ,KUMP				FM	097.22					
Runway Transition										
EKEKE	395050.30N / 0864208.88W	Y		IF			AT/ABOVE 10000	AT 250K		
CIBOV	395126.66N / 0862705.43W	Y	FB	TF	086.93	11.61	AT/ABOVE 7000	AT 230K		
PETYN	394729.86N / 0862151.42W	Y	FB	TF	134.34	05.64	AT 6000	AT 210K		

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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>	
WANO	394353.49N / 0862624.91W	Y	FO	TF	224.31	05.03	AT 6000	AT 210K		
KIND:RWY 5L,RWY 5R				FM	224.31					
Runway Transition										
EKEKE	395050.30N / 0864208.88W	Y		IF			AT/ABOVE 10000	AT 250K		
MRRRK	394844.30N / 0862957.37W	Y	FB	TF	102.53	09.62	AT/ABOVE 7000	AT 230K		
PETYN	394729.86N / 0862151.42W	Y	FB	TF	101.19	06.36	AT 6000	AT 210K		
BREAK	395035.07N / 0861753.19W	Y	FO	TF	044.75	04.34	AT 6000	AT 210K		
KIND:RWY 23L,RWY 23R				FM	044.75					
Runway Transition										
EKEKE	395050.30N / 0864208.88W	Y		IF			AT/ABOVE 10000	AT 250K		
FRUTI	394254.03N / 0862507.19W	Y	FB	TF	121.05	15.34	AT/ABOVE 7000	AT 230K		
FLAYD	393839.31N / 0861934.20W	Y	FB	TF	134.68	06.03	AT 6000	AT 210K		
FIISH	393614.89N / 0861632.42W	Y	FO	TF	135.76	03.36	AT 6000	AT 210K		
KIND:RWY 32				FM	135.76					