

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> NEWARK-HEATH	<u>AIRPORT ID</u> KVTA	<u>PROCEDURE NAME</u> LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> NEWARK	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 884	<u>TDZE</u> 884	<u>SUPERSEDED</u> LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 05/10/2007	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-RXK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
APE VORTAC		PIRIC INT					186.38	7.87 (I-RXK)	2900

MISSED APPROACH

MAP:
RW09

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2900 DIRECT APE VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 273.08 OUTBOUND 2900 FT WITHIN 10 MILES OF PIRIC INT (IAF)
2.
3. FAC: 093.08 FAF: PIRIC INT DIST FAF TO MAP: 5.58 DIST FAF TO THLD: 5.58
4. MIN ALT: PIRIC INT 2700
8. MSA FROM: APE VORTAC 3100

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 9 NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOHN GLENN COLUMBUS INTL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE CIRCLING CAT C/D VISIBILITY 1/4 SM.



ADDITIONAL FLIGHT DATA:
CHART IN PLANVIEW: (CFFBX) AT 400052.13N/0824309.86W
CHART: LOC/AZIMUTH OFFSET 0.13 DEGREES.
CHART CIRCLING ICON.
PIRIC TO RW09: 3.00/40.
CHART FAS OBST: 1169 100' TREE 400212N/0823102W.
CHART 1289 TREE 400056N/0823527W.
HOLD NW, LT, 148.00 INBOUND

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-09	1420	1	536	1420	1	536	1420	1 1/2	536	1420	1 3/4	536			
CIRCLING	1480	1	596	1480	1	596	1760	2 1/2	876	1760	2 3/4	876			

- CHANGES - REASONS**
- ADDED CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - RWY 9 20:1 SI/CIRCLING PENETRATIONS NOTED IN PERIODIC REVIEW.
 - ADDED CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 9 NA AT NIGHT. - RWY 9 20:1 SI/CIRCLING PENETRATIONS NOTED IN PERIODIC REVIEW.
 - ADDED CHART IN PLANVIEW: (CFFBX) AT 400052.13N/0824309.86W TO ADDITIONAL FLIGHT DATA. - IAW SUPPLEMENTAL GUIDANCE TO ARINC SPECIFICATION 424-18. (MEMO 239.)
 - CHANGED S-09 HAT ALL CATS FROM 537 TO 536. - RWY 9 TDZE CHANGED FROM 883 TO 884.
 - INCREASED CATS C, AND D CIRCLING FROM 1480/HAA 596 - 1 1/2, AND 1560/HAA 676 - 2 1/4 TO 1760/HAA 876 - 2 1/2 AND 1760/HAA 876 - 2 3/4. - APPLIED NEW CIRCLING CRITERIA FLIGHT CHECKED WITH THE RNAV (GPS) RWY 9 AMDT 1.
 - ADDED "AND INCREASE ALL MDAS 60 FEET AND INCREASE CIRCLING CAT C/D VISIBILITY 1/4 SM." - INCREASED CAT C/D CIRCLING REQUIRES A BACKUP ALTIMETER ADJUSTMENT.
 - ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA. - NEW CIRCLING CRITERIA APPLIED.
 - CHANGED IF TO WHEN AND PORT COLUMBUS TO JOHN GLENN COLUMBUS INTL IN BACKUP ALTIMETER NOTE. - CORRECT WORDING AND UPDATE TO CURRENT AIRPORT NAME.
 - INCREASED BACKUP ALTIMETER CIRCLING CATS C/D FROM 1540/HAA 656 AND 1620/HAA 736 TO 1820/HAA 936 AND 1820/HAA 936. - HIGHER LOCAL ALTIMETER MDAS DUE TO NEW CIRCLING CRITERIA.

COORDINATED WITH:
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ **OTHER:** CMH ATCT, CMH APP CON, ZID, ATA

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
LIAM DONAHUE

Digitally signed by
LIAM DONAHUE

APPROVED BY
PATRICK MULQUEEN

Digitally signed by
WARDELL HENNING

Feb 05, 2019
Feb 11, 2019

OFFICE *Digitally signed by* **DATE**
WARDELL HENNING

Feb 11, 2019

OFFICE **DATE**
AJV-A431 01/11/2019

OFFICE **DATE** **TITLE**
AJV-A43

MANAGER



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> NEWARK-HEATH	<u>AIRPORT ID</u> KVTA	<u>PROCEDURE NAME</u> LOC RWY 9	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> NEWARK	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 884	<u>FACILITY</u> I-RXK
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
APE VORTAC

TO
PIRIC INT

RNP DISTANCE PAT MAP HAT HMAS
7.87

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.200' AAO	400903.00N/0823527.00W	1552				1000					2600
2.TERRAIN	400903.00N/0823527.00W	1352 (1400)								AS1500	2900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM
10 NM

TO
PIRIC INT

RNP DISTANCE PAT MAP HAT HMAS
10.00

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (36-1219)	400334.00N/0824213.00W	1549	500	50	5D	500					2100
4.TERRAIN	400321.00N/0824139.00W	1239 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

PIRIC INT

TO

RW09

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	5.58		RW09	536								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.100' TREE	400212.02N/0823101.97W		1169	50	20	2C	250					1420

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

PROCEDURE TURN

FROM

PIRIC

TO

10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (36-0448)	400921.00N/0823651.00W		1580	20	50	1D	1000					2600
7.TERRAIN	400903.00N/0823527.00W		1352 (1400)								AS1500	2900

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH

FROM

RW09

TO

APE VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							1150				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2900
8.TOWER (36-1987)	400638.00N/0822813.00W	1533	500	50	5D	1000					2600
9.TERRAIN	400900.00N/0823518.00W	1352 (1400)								AS1500	2900

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
10.TREE	400217.00N/0822925.00W	1.30	596	1149	50	20	2C	300		XP20	1480
CATEGORY B											
11.TREE (39-045428)	400130.40N/0822505.17W	1.84	596	1179	20	3	1A	300			1480
CATEGORY C											
12.TOWER (39-000102)	400201.00N/0822407.00W	2.89	876	1396	20	50	1D	300		AC50	1760
CATEGORY D											
13.TOWER (39-000658)	400052.64N/0822240.15W	3.77	876	1448	20	3	1A	300			1760

CIRCLING REMARKS:

XP-MATCH CURRENT PUBLISHED CAT A MDA



MSA

CENTER
APE VORTAC

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (39-000604)	400933.00N/0825523.00W	278	15.4	2046	500	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PIRIC TO RW09: 3.00/40 VGSi DATA 3.25/TCH 27
TERPS PARA 253 APPLIED- NO VDP PUBLISHED, DME NOT AVAILABLE.
AIR TRAFFIC REQUESTED MISSED APPROACH HOLDING AT APE VORTAC



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
CMH TOWER, ZID ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KVTA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KVTA	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KCMH	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCMH	<u>DISTANCE</u> 19.86	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 56

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KTVA 883.8, KCMH 815.0
RA = 56.

<u>PRIMARY NAVAID</u> I-RXK	<u>MONITOR POINT</u> POLICE DEP	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - MIRL (PCL), REIL (PCL), PAPI-4L	NPI-F	
RW27 - MIRL (PCL), REIL (PCL), PAPI-4R	NPI-F	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.25	<u>TCH</u> 28.2
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	457.059
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
NEWARK-HEATH	KVTA	LOC RWY 9	ORIG-A	NEWARK	OH	884	I-RXK
<u>"VISUAL PORTION OF FINAL" PENETRATIONS</u>							
Final Type	CIRCLING RWY 9						
20:1							
R09 KVTAT0274 959 TREE 400123.87N-0822823.89W				KVTAT0274 959 TREE 400123.87N-0822823.89W 20/3 17.02			
KVTAT0283 955 TREE 400124.29N-0822825.24W 20/3 7.89				KVTAT0305 963 TREE 400125.88N-0822828.35W 20/3 4.25			
KVTAT0303 960 TREE 400130.75N-0822828.11W 20/3 3.49				KVTAT0209 898 RD (N) 400125.29N-0822812.02W 20/3 2.49			
Final Type	S-9						
20:1							
KVTAT0259 963 TREE 400122.76N-0822821.07W 20/3 31.71				KVTAT0193 903 TREE 400124.14N-0822809.34W 20/3 17.61			
KVTAT0274 959 TREE 400123.87N-0822823.89W 20/3 17.04				KVTAT0283 955 TREE 400124.29N-0822825.24W 20/3 7.91			
KVTAT0202 898 RD (N) 400124.99N-0822810.72W 20/3 7.47				KVTAT0306 967 TREE 400122.52N-0822828.47W 20/3 6.91			
KVTAT0230 912 POLE 400124.29N-0822814.57W 20/3 6.34				KVTAT0305 963 TREE 400125.88N-0822828.35W 20/3 4.24			
KVTAT0303 960 TREE 400130.75N-0822828.11W 20/3 3.44				KVTAT0209 898 RD (N) 400125.29N-0822812.02W 20/3 2.5			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
THRESHOLD DISPLACED 457 FEET, 400127.79N/0822806.50W.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.92
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.51
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	087.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	FAF	TO 1500FT POINT	7.00
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	6.78
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	087.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1200

THRESHOLD
COORDINATES
(IF STR-IN)400127.79N/0822806.50W

ARP COORDINATES400128.80N/0822742.50W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 9 DISTANCE 0.38 NM

FAF
COORDINATES400111.02N/0823521.95W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
FAF HAS NOT MOVED AND COORDINATES VERIFIED CORRECT.
THLD DISPLACED 457.059FT, ACTUAL COORDINATES: 400127.55N/0822812.37W.



<u>AIRPORT</u> NEWARK-HEATH	<u>AIRPORT ID</u> KVTA	<u>PROCEDURE NAME</u> LOC RWY 9	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> NEWARK	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 884	<u>FACILITY</u> I-RXK
PART E: PREPARED BY							
<u>NAME</u> LIAM DONAHUE	<u>OFFICE</u> AJV-A431			<u>DATE</u> 01/11/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY
9
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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