

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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 ID</u> KOIN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> OBERLIN	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 2707	<u>TDZE</u> 2707	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 084/30 CW 264/30	NOPT	INARM	IF/IAF	6500
2. 264/30 CW 084/30		INARM	IF/IAF	6500

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
INARM	IF/IAF	PACEY		TF	FB	1.00	174.47	7.50	4400
PACEY	FAF	STIPE/1.97 NM TO RW17		TF	FB	0.30	174.47	3.20	
STIPE/1.97 NM TO RW17		RW17	MAP	TF	FO	0.30	174.47	1.97	
RW17	MAP	2957 MSL		CA			174.47		
2957 MSL		IBEDE		DF	FO	1.00			6500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW17

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6500 DIRECT IBEDE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)

2. HOLD N INARM, LT, 174.47 INBOUND, 6500 FT. IN LIEU OF PT (IAF), MAX 14000

3. FAF: 174.47      FAF: PACEY      DIST FAF TO MAP: 5.18      DIST FAF TO THLD: 5.18

4. MIN ALT:      INARM 6500, PACEY 4400, STIPE/1.97 NM TO RW17 3380

5. DIST TO THLD FROM FAF: 5.18      MM:      IM:      150 HAT:      250 HAT: 0.64      GS ANT:

6. MIN GP INCPT: 4400      GP ALT AT FAF : PACEY 4400      OM:      MM:      IM:

7. GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS NOT CLEAR      TCH: 44.6

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 12, 17, 30 NA AT NIGHT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 354.47 INBOUND  
CHART FAS OBST: 2751 RIG (20-041109) 395035N/1003209W  
WAAS CHANNEL # 63037  
REFERENCE PATH ID: W17A  
CHART CIRCLING ICON  
LTP HAE: 800.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	2957	1	250	2957	1	250	2957	1	250		NA				
LNAV/VNAV DA	2957	1	250	2957	1	250	2957	1	250		NA				
LNAV MDA	3020	1	313	3020	1	313	3020	1	313		NA				
CIRCLING	3160	1	453	3340	1	633	3340	1 3/4	633		NA				



CHANGES - REASONS

ADDED TAA DATA TO FORM 8260-3 PAGE ONE - UPDATED TO CURRENT CRITERIA  
AMENDED TERMINAL ROUTE INTERMEDIATE SEGMENT FROM "INARM (IF/IAF) TO PACEY (FB) 174.47 / 7.50 AT 4400" TO "INARM IF/IAF TO PACEY TF FB 1.00 174.47 7.82 AT 4400" - ADDED LEG TYPE AND FO/FB DATA IAW 8260.19I 8-6-4 B(1)  
AMENDED TERMINAL ROUTE FINAL SEGMENT FROM "PACEY (FAF) TO STIPE/2.04 NM TO RW17 (FB) 174.47 / 3.14" TO "PACEY FAF TO STIPE/1.97 NM TO RW17 TF FB 0.30 174.47 3.20 AT 3380" - ADDED LEG TYPE AND FO/FB DATA IAW 8260.19I 8-6-4 B(1)  
AMENDED TERMINAL ROUTE FINAL STEPDOWN SEGMENT FROM "STIPE/2.04 NM TO RW17 TO RW17 (MAP) (FO) 174.47 / 2.04" TO "STIPE/1.97 NM TO RWY17 TO RW17 MAP TF FO 0.30 174.47 1.97" - ADDED LEG TYPE AND FO/FB DATA IAW 8260.19I 8-6-4 B(1)  
AMENDED TERMINAL ROUTE MISSED APPROACH SEGMENT FROM "RWY 17 (MAP) TO 3026 MSL 174.47" TO "RW17 MAP 2957 MSL CA 174.47" - 8260.19I 8-6-4 A(6)(C) AND 4-6-5 D  
AMENDED TERMINAL ROUTE MISSED APPROACH SEGMENT FROM "3026 MSL TO IBEDE (FO) AT 6500" TO "3026 MSL TO IBEDE DF FO 1.00 AT 6500" - ADDED LEG TYPE AND FO/FB DATA IAW 8260.19I 4-6-5 E  
AMENDED PROFILE LINE 2 FROM "HOLD N INARM, LT, 174.47 INBOUND, 6500 FT. IN LIEU OF PT (IAF)" TO "HOLD N INARM, LT, 174.47 INBOUND, 6500 FT. IN LIEU OF PT (IAF), MAX 14000" - 8260.19I 8-6-7 B(2)(A)  
AMENDED PROFILE LINE 4 FROM "MIN. ALT: INARM 6500, PACEY 4400, STIPE/2.10 NM TO RW17 3400\*" TO "MIN ALT: INARM 6500, PACEY 4400, STIPE/1.97 NM TO RW17 3380" - 8260.19I 8-6-7 D(3) AND (5)  
ADDED TO PROFILE LINE 5 "DIST TO THLD FROM FAF: 5.18" - 8260.19I 8-6-7 E  
RELOCATED AND AMENDED FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5 "DIST TO THLD FROM 319 HAT: 0.86" TO "DIST TO THLD FROM 250 HAT: 0.64" - 8260.19I 8-6-7 E(3)  
ADDED TO PROFILE LINE 7 "20:1 IS NOT CLEAR" AND "TCH: 44.6" - 8260.19I 8-6-7 G(2) AND (3)(A)  
ADDED TO PBN REQUIREMENTS NOTE "RNP APCH - GPS" - 8260.19I 8-6-8 B(2)  
ADDED NOTE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C" - 8260.19I 8-6-10 R  
ADDED NOTE "CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 12, 17, 30 NA AT NIGHT" - 8260.19I 8-6-11 O(2)  
DELETED NOTE "CHART NOTE: DME/DME RNP 0.3 NA" - 8260.19I 1-1-5 F(18)  
DELETED SECONDARY ALTIMETER NOTE - RELOCATED TO FORM 8260-9 FOR CONTINGENCY PURPOSES  
DELETED NOTE "\*LNAV ONLY" - 8260.19I 1-1-5 F(12)  
DELETED NOTE "CHART NOTE: BARO-VNAV NA" - ON SITE PRIMARY ALTIMETER SETTING NOW AVAILABLE  
DELETED FROM ADDITIONAL FLIGHT DATA "CHART MCCOOK ASOS" - NO LONGER NEEDED AND 8260.19I 8-2-4 B(3)  
AMENDED ADDITIONAL FLIGHT DATA FROM "LTP HAE: 800.6" TO "LTP HAE: 800.5" - 8260.19I APP K 4L  
AMENDED FAS DATA LTP/FTP COORDINATES FROM "395027.5275N/1003224.3320W" TO "395027.5270N/1003224.3360W" - UPDATED AIRNAV DATA  
AMENDED FAS DATA LTP/FTP ELLIPSOIDAL HEIGHT FROM "+08006" TO "+08005" - UPDATED AIRNAV DATA RELOCATING LTP/FTP COORDINATES  
AMENDED FPAP COORDINATES FROM "394858.3600N/1003225.2805W" TO "394858.3590/1003225.2770W" - UPDATED AIRNAV DATA AND TARGETS BUILD DATA  
AMENDED FAS DATA LENGTH OFFSET FROM "1680" TO "1440" - UPDATED AIRNAV DATA AND TARGETS BUILD DATA  
AMENDED CRC REMAINDER FROM "1C22B119" TO "CE613B75" - UPDATED AIRNAV DATA AND TARGETS BUILD DATA RELOCATING LTP/FTP COORDINATES AND FPAP COORDINATES  
AMENDED LTP AND FPAP ORTHOMETRIC HEIGHTS FROM ""+08251" TO "+08250" - UPDATED AIRNAV DATA AND TARGETS BUILD DATA

COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDV, GLD FSS, HLC FSS, KS STATE AERO

FLIGHT CHECKED BY		Digitally signed by	OFFICE	DATE	
KARL KUEHNER		LONNIE EVERHART	FICO	06/22/2021	
		Jun 24, 2021			
DEVELOPED BY		Digitally signed by	OFFICE	DATE	
KELLY CARLSON		LONNIE EVERHART	AJV-A430	03/17/2021	
		Jun 24, 2021			
APPROVED BY		Digitally signed by	OFFICE	DATE	TITLE
LONNIE EVERHART		LONNIE EVERHART	AJV-A430		MANAGER
		Jun 24, 2021			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOIN
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	395027.5270N
LTP/FTP LONGITUDE	1003224.3360W
LTP/FTP ELLIPSOIDAL HEIGHT	+08005
FPAP LATITUDE	394858.3590N
FPAP LONGITUDE	1003225.2770W
THRESHOLD CROSSING HEIGHT (TCH)	00044.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CE613B75

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08250
FPAP ORTHOMETRIC HEIGHT	+08250

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

<u>AIRPORT ID</u> KOIN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>AMDT NO.</u> 1	<u>CITY</u> OBERLIN	<u>STATE</u> KS	<u>AIRPORT ELEVATION</u> 2707	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
084/30 CW 264/30

TO  
INARM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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>
												TOWER (31-001005)	402916.00N/1003933.00W	3819	500	125	5E	1000				AT1681	6500
												TERRAIN	400318.00N/1010906.00W	3106 (3100)								AS1500	4600

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM  
264/30 CW 084/30

TO  
INARM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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>
												TOWER (20-000632)	394948.00N/1004206.00W	3547	100	20	3C	1000				AT1953	6500
												TERRAIN	395648.00N/1011015.00W	3208 (3200)								AS1500	4700

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

INARM (IF/IAF)

TO

PACEY

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.50											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (31-001337)	400247.70N/1003430.10W		3040	250	50	4D	500				AT860	4400
TERRAIN	395615.00N/1003403.00W		2769 (2800)								AS1500	4300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

PACEY

TO

RW17

<u>RNP</u>	<u>DISTANCE</u> 5.18	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<u>HMAS</u>					
<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>
TREE (20-040342)	395032.56N/1003227.02W		2725	20	3	1A		34.00:1				2957

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM  
PACEY

TO  
RW17

RNP	DISTANCE 5.18	PAT	MAP DA	HAT 250	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2957

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM  
PACEY

TO  
STIPE/1.97 NM TO RW17

RNP	DISTANCE 3.20	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	395431.64N/1003310.03W		2990	50	20	2C	250				RA80 SA-15 DG75	3380

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM  
STIPE/1.97 NM TO RW17

TO  
RW17

RNP	DISTANCE 1.97	PAT	MAP RW17	HAT 313			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
RIG (20-041109)	395034.66N/1003208.89W		2751	20	3	1A	250					3020

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

HOLD-IN-LIEU OF PT

FROM  
INARM

TO  
P-9

RNP	DISTANCE	PAT P-9	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (31-000819)	400837.00N/1003710.00W		3104	100	20	3C	1000				AT2396	6500
TERRAIN	400239.00N/1003906.00W		2834 (2800)								AS1500	4300

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 : LPV

FROM  
DA

TO  
IBEDE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2770					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6500
AAO	394133.00N/1003451.00W		3035	164	98	4E	1000					4100
TERRAIN	394127.00N/1003500.00W		2834 (2800)								AS1500	4300

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 : LNAV/VNAV

FROM  
DA

TO  
IBEDE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2807					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6500
AAO	394133.00N/1003451.00W		3035	164	98	4E	1000					4100
TERRAIN	394127.00N/1003500.00W		2834 (2800)								AS1500	4300

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 : LNAV

FROM  
RW17

TO  
IBEDE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2920					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6500
AAO	394133.00N/1003451.00W		3035	164	98	4E	1000					4100
TERRAIN	394127.00N/1003500.00W		2834 (2800)								AS1500	4300

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											
TOWER (20-001069)	394939.00N/1003206.00W	1.34	453	2810	500	50	5D	300		AC50	3160
CATEGORY B											
TOWER (20-000441)	394813.00N/1003141.00W	1.90	633	2986	500	50	5D	300		AC50	3340
CATEGORY C											
TOWER (20-000441)	394813.00N/1003141.00W	3.00	633	2986	500	50	5D	300		AC50	3340

CIRCLING REMARKS:

CENTER RADIUS

REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT 70FT PER FPT CHECKLIST



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZDV ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KOIN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KOIN	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KMCK	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMCK	<u>DISTANCE</u> 22.30	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 70

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KOIN 2707, KMCK 2572  
RA = 69.2

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL, PAPI-2L		NPI-G	
RW35 - MIRL, PAPI-2L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 2706.8	<u>TCH</u> 44.6	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 44.6
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -20C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -20C	<u>APT ISA</u> +9.64C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION  
CRITICAL LOW TEMPERATURE BASED ON ACT  
DESCENT RATE (FPM): STANDARD TEMP 850 HIGH TEMP 1208

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV, CIRCLING RWY 17
20:1	
2725 TREE (20-040342) 395032.56N/1003227.02W (2.82)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PENETRATIONS REMARKS:
APT RWY'S 12/30 HAVE NO SURVEY, SO 34:1 AND/OR 20:1 PENETRATIONS ARE ASSUMED TO EXIST TO THOSE RWY'S

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATION

PRECIPITOUS TERRAIN EVALUATION COMPLETED

WHEN LOCAL ALTIMETER NOT RECEIVED, USE MCCOOK ALTIMETER SETTING: INCREASE DA TO 3027 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM

BARO-VNAV NA WHEN USING MC COOK ALTIMETER SETTING

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED



<b>AIRPORT ID</b> KOIN	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 17	<b>AMDT NO.</b> 1	<b>CITY</b> OBERLIN	<b>STATE</b> KS	<b>AIRPORT ELEVATION</b> 2707	<b>FACILITY</b> RNAV
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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	3.29
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.47
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2800
DISTANCE FROM	THLD	TO 1500FT POINT	4.98
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.47
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	2800

THRESHOLD  
COORDINATES  
(IF STR-IN)

395027.53N/1003224.34W

ARP COORDINATES

395003.78N/1003223.40W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 17 DISTANCE 0.40 NM

FAF  
COORDINATES

395538.34N/1003221.05W

FIX NAME  
COORDINATES

REMARKS

TAA: INARM (IF/IAF) 400308.89N/1003216.21W RADIUS 30 NM

QUALITY  
6  
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> KELLY CARLSON	<u>OFFICE</u> AJV-A430	<u>DATE</u> 03/17/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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