

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
ROD VORTAC	IJMIN (FB)	076.15 / 12.93	3000	LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 4000 DIRECT SEBUE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 021.84 INBOUND. CHART FAS OBST: 1164 TOWER AT HOUSE 400828N/0834512W DISTANCE TO THLD FROM 279 HAT: 0.76 NM. CHART VDP AT 0.99 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 78419 REFERENCE PATH ID: W20A								
GUNNE	YEGUT (FB)	260.60 / 15.79	3000									
IJMIN (IAF)	HIRID (NOPT) (FB)	111.87 / 5.00	3000									
YEGUT (IAF)	HIRID (NOPT) (FB)	292.01 / 5.00	3000									
HIRID (IF/IAF)	LEKNE (FB)	201.94 / 6.10	3000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N HIRID, RT, 201.94 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 201.92 FAF: LEKNE DIST FAF TO MAP: 5.85 THLD: 5.85 4. MIN. ALT: HIRID 3000, LEKNE 3000, OWEQO/1.90 NM TO RW20 1700* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3000 GS ALT AT: LEKNE 3000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 37.7 34:1 IS NOT CLEAR 8. MSA FROM: RW20 2900				MAG VAR: 4W EPOCH YEAR: 1985								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1347	1	279	1347	1	279	1347	1	279		NA	
LNAV/VNAV DA	1469	1 1/2	401	1469	1 1/2	401	1469	1 1/2	401		NA	
LNAV MDA	1420	1	352	1420	1	352	1420	1	352		NA	
CIRCLING	1580	1	512	1580	1	512	1580	1 1/2	512		NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING SPRINGFIELD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 1068 TDZE: 1068		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
URBANA, OH		AIRPORT NAME: GRIMES FIELD				RNAV (GPS) RWY 20, AMDT 1		AMDT: ORIG-A				
						23 SEP 2010		DATED 04/13/2006				

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NOTES CONT.

*RNAV ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GUNNE ON V144 SOUTHEASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ROD VORTAC AIRWAY RADIALS 023 CW 055.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL DA 44 FEET, ALL MDA 60 FEET, INCREASE LPV ALL CATS AND RNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WITH SPRINGFIELD ALTIMETER SETTING.

CITY AND STATE

URBANA, OH

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AIRPORT NAME:

GRIMES FIELD

FACILITY
IDENTIFIER:

RNAV

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I74
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	400817.9425N
LTP/FTP LONGITUDE	0834504.0315W
LTP/FTP ELLIPSOIDAL HEIGHT	+02920
FPAP LATITUDE	400653.0800N
FPAP LONGITUDE	0834539.7100W
THRESHOLD CROSSING HEIGHT (TCH)	00037.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1EB34481

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03254
FPAP ORTHOMETRIC HEIGHT	+03254

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP I74 K5FR20	AGUNNE	010GUNNEK5EA0E	IF						18000			A JS	
SUSAP I74 K5FR20	AGUNNE	020YEGUTK5EA0E	A 020TF			26060158		+ 03000				A JS	
SUSAP I74 K5FR20	AGUNNE	030HIRIDK5EA0EE	B 010TF			29200050		+ 03000				A JS	
SUSAP I74 K5FR20	AHIRID	010HIRIDK5EA0EE	AR HF			20190040		+ 03000		18000		A JS	
SUSAP I74 K5FR20	AROD	010ROD K5D 0V	IF							18000		A JS	
SUSAP I74 K5FR20	AROD	020IJMINK5EA0E	A 020TF			07620129		+ 03000				A JS	
SUSAP I74 K5FR20	AROD	030HIRIDK5EA0EE	B 010TF			11190050		+ 03000				A JS	
SUSAP I74 K5FR20	R	010HIRIDK5EA0E	I IF					+ 03000		18000		A JS	
SUSAP I74 K5FR20	R	020LEKNEK5EA1E	F 051TF			20190061		+ 03000			RW20	K5PGA JS	
SUSAP I74 K5FR20	R	020LEKNEK5EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP I74 K5FR20	R	021OWEQOK5EA0E	S 031TF			20190040		V 0170001714		-300		A JS	
SUSAP I74 K5FR20	R	030RW20 K5PG0GY	M 031TF			20190019		01105		-300		A JS	
SUSAP I74 K5FR20	R	040	0 M 010CA			2019		+ 01347				A JS	
SUSAP I74 K5FR20	R	050SEBUEK5EA0EY	010DF					+ 04000				A JS	
SUSAP I74 K5FR20	R	060SEBUEK5EA0EE	R020HM			02180040		+ 04000				A JS	

QUALITY
4
CHECKED

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP I74 K5GRW20	0044002019	N40081794W083450403-0200	+0292001068000038100R										

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP I74 K5PR20	RW20 001	0000W20A0N4008179425W08345040315+029200300N4006530800W08345397100106751408000377F4005001EB34481											
SUSAP I74 K5PR20	RW20 002E	+03254+03254LPV	78419										

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP I74 K5SRW20 K5PG	0	18018002925	M										

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