

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33</b>		Bearings, headings, courses, 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 in feet RVR.								
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW02  CLIMB TO 3000 DIRECT HIRID AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD N, RT, 201.94 INBOUND. CHART FAS OBST: 1249 TOWER 400558N/0834549W CHART FAS OBST: 1195 TANK 400642N/0834530W DISTANCE TO THLD FROM 250 HAT: 0.68 NM. CHART VDP AT 1.25 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 53719 REFERENCE PATH ID: W02A								
JOGER	PENOE (FB)	311.30 / 18.90	4000									
TRUNC	OREXE (FB)	115.35 / 11.79	4000									
PENOE (IAF)	SEBUE (NOPT) (FB)	291.91 / 5.00	4000									
OREXE (IAF)	SEBUE (NOPT) (FB)	111.77 / 5.00	4000									
SEBUE (IF/IAF)	RIKOE (FB)	021.84 / 6.10	3000									
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD S SEBUE, RT, 021.84 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>021.87</u> FAF: <u>RIKOE</u> DIST FAF TO MAP: <u>5.86</u> THLD: <u>5.86</u> 4. MIN. ALT: <u>SEBUE 4000, RIKOE 3000, WANIS/2.40 NM TO RW02 1860*</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>RIKOE 3000</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>44.4</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW02 2900</u>				MAG VAR: 4W EPOCH YEAR: 1985								
<b>MINIMUMS</b>												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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	1318	1	250	1318	1	250	1318	1	250	NA		
LNAV/VNAV DA	1501	1 1/2	433	1501	1 1/2	433	1501	1 1/2	433	NA		
LNAV MDA	1500	1	432	1500	1	432	1500	1 1/4	432	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  URBANA, OH		ELEVATION: 1068 TDZE: 1068 AIRPORT NAME:  GRIMES FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1  23 SEP 2010			SUP: AMDT: ORIG-A DATED 04/13/2006			

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

Bearings, headings, courses, 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 in feet RVR.

**NOTES CONT.****\*LNAV ONLY****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUNC ON V12 WESTBOUND.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL DA 44 FEET, ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.****CHART NOTE: VDP NA WITH SPRINGFIELD ALTIMETER SETTING.**

CITY AND STATE

URBANA, OH

ELEVATION: 1068 TDZE: 1068

AIRPORT NAME:

GRIMES FIELD

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, AMDT 1

23 SEP 2010

SUP:

AMDT: ORIG-A

DATED: 04/13/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER I74  
RUNWAY RW02  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W02A  
LTP/FTP LATITUDE 400736.5645N  
LTP/FTP LONGITUDE 0834521.4300W  
LTP/FTP ELLIPSOIDAL HEIGHT +02890  
FPAP LATITUDE 400901.4100N  
FPAP LONGITUDE 0834445.7400W  
THRESHOLD CROSSING HEIGHT (TCH) 00044.4  
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

95B50C4D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +03224  
FPAP ORTHOMETRIC HEIGHT +03224



CITY AND STATE URBANA, OH	ELEVATION: 1068 TDZE: 1068 AIRPORT NAME: GRIMES FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1 23 SEP 2010	SUP:
				AMDT: ORIG-A
				DATED: 04/13/2006

Bearings, headings, courses, 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 in feet RVR.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP I74 K5FR02	AJOGER	010JOGERK5EA0E	IF							18000		A JS	
SUSAP I74 K5FR02	AJOGER	020PENOEK5EA0E	A 020TF			31130189		+ 04000				A JS	
SUSAP I74 K5FR02	AJOGER	030SEBUEK5EA0EE	B 010TF			29190050		+ 04000				A JS	
SUSAP I74 K5FR02	ASEBUE	010SEBUEK5EA0EE	AR HF			02180040		+ 04000		18000		A JS	
SUSAP I74 K5FR02	ATRUNC	010TRUNCK5EA0E	IF							18000		A JS	
SUSAP I74 K5FR02	ATRUNC	020OREXEK5EA0E	A 020TF			11540118		+ 04000				A JS	
SUSAP I74 K5FR02	ATRUNC	030SEBUEK5EA0EE	B 010TF			11180050		+ 04000				A JS	
SUSAP I74 K5FR02	R	010SEBUEK5EA0E	I IF					+ 04000		18000		A JS	
SUSAP I74 K5FR02	R	020RIKOEK5EA1E	F 051TF			02180061		+ 03000			RW02	K5PGA	JS
SUSAP I74 K5FR02	R	020RIKOEK5EA2WALPV		ALNAV/VNAV	ALNAV								JS
SUSAP I74 K5FR02	R	021WANISK5EA0E	S 031TF			02190035		V 0186001872		-300		A JS	
SUSAP I74 K5FR02	R	030RW02 K5PG0GY	M 031TF			02190024		01102		-300		A JS	
SUSAP I74 K5FR02	R	040	0 M 010CA			0219		+ 01318				A JS	
SUSAP I74 K5FR02	R	050HIRIDK5EA0EY	010DF					+ 03000				A JS	
SUSAP I74 K5FR02	R	060HIRIDK5EA0EE	R020HM			20190040		+ 03000				A JS	

4  
CHECKED

SUP:	
AMDT:	ORIG-A
DATED:	04/13/2006

Bearings, headings, courses, 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 in feet RVR.

[illegible]

QUALITY  
4  
CHECKED

CITY AND STATE  URBANA, OH	ELEVATION: 1068    TDZE: 1068  AIRPORT NAME:  GRIMES FIELD	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 2, AMDT 1  23 SEP 2010	SUP:
				AMDT:      ORIG-A
				DATED:      04/13/2006