

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</u> MANTI-EPHRAIM	<u>AIRPORT ID</u> K41U	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> MANTI	<u>STATE</u> UT
<u>AIRPORT ELEVATION</u> 5516	<u>TDZE</u> 5503	<u>SUPERSEDED</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-21.

<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>
PUC VOR/DME		WKARA		TF	FO	2.00	230.04	62.39	13200
DTA VORTAC	IAF	WKARA	NOPT	TF	FB	1.00	103.53	29.95	11800
WKARA	IF/IAF	RPEEN		TF	FB	1.00	034.24	6.03	9900
RPEEN		OOLIT		TF	FB	1.00	034.30	7.00	7700
OOLIT	FAF	TMPLE/5.00 NM TO RW03		TF	FB	0.30	034.36	1.86	
TMPLE/5.00 NM TO RW03		BRIGM/3.00 NM TO RW03		TF	FB	0.30	034.36	2.00	
BRIGM/3.00 NM TO RW03		RW03	MAP	TF	FO	0.30	034.36	3.00	
RW03	MAP	5960 MSL		CA			034.36		5960
5960 MSL		SANPT		DF	FB	1.00			
SANPT		YMONT		TF	FO	1.00	353.52	23.98	13000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5960 THEN CLIMBING LEFT TURN TO 13000 DIRECT SANPT AND ON TRACK 353.52 DIRECT YMONT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)											
2.	HOLD SW WKARA, RT, 034.24 INBOUND, 11800 FT. IN LIEU OF PT (IAF), MAX 14000.														
3. FAC:	034.36	FAF: OOLIT	DIST FAF TO MAP: 6.86	DIST FAF TO THLD: 6.86											
4. MIN ALT:	WKARA 11800, RPEEN 9900, OOLIT 7700, TMPLE/5.00 NM TO RW03 7100*, BRIGM/3.00 NM TO RW03 6460*														
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	278 HAT: 0.84	GS ANT:										
6. MIN GP INCPT: 7700	GP ALT AT FAF : OOLIT 7700			OM:	MM:	IM:									
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH: 40.0												
8. MSA FROM:	RW03 12500														

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA SE OF RWY 3-21.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C OR ABOVE 54C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PUC VOR/DME AIRWAY RADIALS 164 CW 293.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DTA VORTAC ON V257 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #65839
REFERENCE PATH ID: W03A
CHART FAS OBST: 5809 TOWER 391739N/1113820W.
5679 AAO 391654N/1113936W.
HOLD SE, RT, 295.70 INBOUND
LTP HAE: 1650.8 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	5781	1	278	5781	1	278	5781	1	278	5781	1	278			
LNAV/VNAV DA	5823	1 1/8	320	5823	1 1/8	320	5823	1 1/8	320		NA				
LNAV MDA	6000	1	497	6000	1	497	6180	1 7/8	677	6180	1 7/8	677			
CIRCLING	6000	1	484	6000	1	484	6280	2 1/4	764	7620	3	2104			



CHANGES - REASONS

- 1. CA LEG ALTITUDE CHANGED FROM 5950 TO 5960 - 5950 ALTITUDE TO LOW FOR LPV MISSED APPROACH SECTION 2.
- 2. MISSED APPROACH; CLIMB TO 5950 CHANGED TO 5960 - 5950 ALTITUDE TO LOW FOR LPV MISSED APPROACH SECTION 2.
- 3. DELETED CHART NOTE: DME/DME RNP-0.3 NA - REPLACED WITH PBN REQUIREMENT NOTE: RNP APCH.
- 4. ADDED PBN REQUIREMENT NOTE: RNP APCH - EQUIPMENT NAVSPEC REQUIREMENTS.
- 5. ADDED 20:1 IS NOT CLEAR -20:1 PENETRATION.
- 6. DELETED BARO LOW/HIGH TEMP FAHRENHEIT NUMBERS - FAHRENHEIT NO LONGER REQUIRED.

08/29/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/12/2018.

- 1. ADDED TDZE 5503.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: WFPT, ZLC, AMGR, UTAH DIVISION OF AERONAUTICS

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

DEANNA M. FIELDS

Digitally signed by
DEANNA M FIELDS

APPROVED BY

JULIE MORGAN

Aug 29, 2018

Digitally signed by
DEZ SILAGYI
Aug 29, 2018

OFFICE

OFFICE

OFFICE

DATE

DATE

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	41U
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	391935.7445N
LTP/FTP LONGITUDE	1113708.1005W
LTP/FTP ELLIPSOIDAL HEIGHT	+16508
FPAP LATITUDE	392038.3205N
FPAP LONGITUDE	1113546.2820W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1216
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5EE6D7F1
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16684
FPAP ORTHOMETRIC HEIGHT	+16684

