

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> TAUNTON MUNI - KING FIELD	<u>AIRPORT ID</u> KTAN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> TAUNTON	<u>STATE</u> MA	
<u>AIRPORT ELEVATION</u> 42	<u>TDZE</u> 42	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<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>
GAILS	IAF	EKAYO	NOPT	TF	FB	1.00	271.46	17.02	3000
ZUNUX	IAF	EKAYO	NOPT	TF	FB	1.00	025.87	10.06	3000
EKAYO	IF/IAF	ICARA		TF	FB	1.00	311.88	6.90	1900
ICARA	FAF	RW30	MAP	TF	FO	0.30	303.76	4.71	
RW30	MAP	600 MSL		CA			303.76		600
600 MSL		INNDY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 210 KIAS UNTIL INNDY) CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT INNDY AND HOLD. CONTINUE CLIMB IN HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD SE EKAYO, RT, 311.88 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	303.76	FAF: ICARA	DIST FAF TO MAP: 4.71	DIST FAF TO THLD: 4.71	
4. MIN ALT:	EKAYO 3000, ICARA 1900				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	346 HAT: 0.75	GS ANT:
6. MIN GP INCPT: 1900	GP ALT AT FAF : ICARA 1900			OM:	MM: IM:
7. GP ANGLE: 3.60	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH: 59.0		
8. MSA FROM:	RW30 2500				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 04 AND 22.
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C OR ABOVE 46C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GAILS ON V151 EASTBOUND AND ON V141 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZUNUX ON V167 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART R-4101
WAAS CHANNEL #58139
REFERENCE PATH ID: W30A
CHART FAS OBST: 263 TOWER 415128N/0705747W.
HOLD SE, LT, 330.61 INBOUND
LTP HAE: -16.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	388	1	346	388	1	346	388	1	346		NA				
LNAV/VNAV DA	526	1 3/8	484	526	1 3/8	484	526	1 3/8	484		NA				
LNAV MDA	600	1	558	600	1	558	600	1 5/8	558		NA				
CIRCLING	600	1	558	600	1	558	660	1 3/4	618		NA				



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TAUNTON MUNI - KING FIELD	KTAN	RNAV (GPS) RWY 30	2	TAUNTON	MA

CHANGES - REASONS

1. CHANGED TERMINAL ROUTE FROM EKAYO TO ICARA COURSE AND DISTANCE FROM 312.88/6.14 TO 311.88/6.90 - ICARA FIX MOVED 0.76 NM WEST.
2. CHANGED TERMINAL ROUTE FROM ICARA TO RW30 (MAP) DISTANCE FROM 5.47 TO 4.71 - ICARA FIX MOVED 0.76 NM WEST.
3. CHANGED TERMINAL ROUTES AND MISSED APPROACH INSTRUCTIONS CLIMB TO ALTITUDE ALL ROUTES FROM 500 TO 600 - NEW CRITERIA APPLIED AND MISSED APPROACH RE-DESIGN.
4. CHANGED PROFILE SECTION LINE 2 H-I-L INBOUND COURSE FROM 312.88 TO 311.88 - ICARA FIX MOVED 0.76 NM WEST.
5. CHANGED PROFILE SECTION LINE 3 DIST FAF TO MAP: /THLD: FROM 5.47 TO 4.71 - ICARA FIX MOVED 0.76 NM WEST.
6. CHANGED PROFILE SECTION LINE 5 (ADDITIONAL FLIGHT DATA NOTE) FROM "DISTANCE TO THLD FROM 317 HAT: 0.79 NM" TO "DISTANCE TO THLD FROM 346 HAT: 0.75" - GS ANGLE/HAT INCREASE.
7. CHANGED PROFILE SECTION LINE 7 GS ANGLE FROM 3.10 TO 3.60 - CHANGED TO ALIGN WITH VGSI ANGLE 3.60.
8. ADDED TO PROFILE SECTION LINE 7 "20:1: IS NOT CLEAR" - 20:1 VISUAL SURFACE PENETRATIONS.
9. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 300 CELL TOWER 415205N/0705736W" TO "CHART FAS OBST: 263 TOWER 415128N/0705747W" - FINAL SEGMENT RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
10. DELETED MINIMUMS CAT D ALL APPROACHES - INCREASED GS ANGLE TO 3.60.
11. CHANGED MINIMUMS LPV DA/HAT CATS A-C FROM 359/317 TO 388/346 - FINAL SEGMENT RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
12. CHANGED MINIMUMS LNAV/VNAV CATS A-C VISIBILITY FROM 1 1/2 SM TO 1 3/8 SM - NEW 8260.3C VISIBILITY TABLES APPLIED.
13. CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C OR ABOVE 46C" - NEW NOAA 5 YEAR AVERAGE TEMPERATURES CALCULATED AND APPLIED.
14. DELETED NOTE "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED NOTE "RNP APCH" - IAW .19H DOCUMENTATION OF EQUIPMENT NOTES.
15. DELETED NOTES "CHART NOTE: BARO-VNAV NA WHEN USING NEW BEDFORD ALTIMETER SETTING" AND "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW BEDFORD ALTIMETER SETTING AND INCREASE LPV DA TO 393 FT, LNAV/VNAV DA TO 560 FT, AND ALL MDAS 40 FT, INCREASE LPV AND LNAV/VNAV VISIBILITIES ALL CATS 1/8 SM, INCREASE LNAV CAT C/D VISIBILITY 1/8 SM, AND INCREASE CIRCLING CAT VISIBILITY 1/4 SM" - PER .19H PARA 8-6-9 F(3) NOT REQUIRED WHEN ASOS NON-FED TRANSMITS TO WMSCR. DATA PLACED ON BACK OF -9 FOR NOTAM CONTINGENCY.
16. CHANGED FAS DATA FPAP LATITUDE/LONGITUDE FROM "415243.4475N/0710220.9140W" TO "415243.4620N/0710220.9075W" - GS ANGLE INCREASE AND FINAL SEGMENT LENGTH CHANGE.
17. CHANGED FAS DATA GLIDEPATH ANGLE (GPA) FROM '03.10' TO '03.60' - INCREASED TO MATCH VGSI ANGLE.
18. CHANGED FAS DATA CRC REMAINDER FROM "41A50A51" TO "179A6ACB" - PROCEDURE RE-DESIGN AND CHANGE.



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<u>COORDINATED WITH:</u>					
A4A <input checked="" type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZBW, PVD APP CON, AMGR					
<u>FLIGHT CHECKED BY</u> DURLEY J FELDER	Digitally signed by DAVID DANNER Oct 26, 2018	<u>OFFICE</u> FICO	<u>DATE</u> 10/23/18		
<u>DEVELOPED BY</u> DEZ SILAGYI (DARREN HOOPER)	Digitally signed by DAVID DANNER Oct 26, 2018	<u>OFFICE</u> AJV-5421	<u>DATE</u> 07/24/2018		
<u>APPROVED BY</u> JULIE MORGAN	Digitally signed by DAVID DANNER Oct 26, 2018	<u>OFFICE</u> AJV-5420	<u>DATE</u>	<u>TITLE</u> MANAGER	



