

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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.									
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 DIRECT ZUBAX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 058.37 INBOUND. CHART FAS OBST: 368 TOWER 401637N/0744931W CHART: 379 TREE 401921N/0745103W CHART A-220. CHART R5001/A AND B. DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.21 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 99330 REFERENCE PATH ID: W16A LTP HAE: 31.3 M						
ZUVIV (IAF)		AMIDY (NOPT) (FB)			090.55 / 16.09			2700								
SBJ VOR/DME (IAF)		AMIDY (NOPT) (FB)			241.01 / 13.09			2700								
AMIDY (IF/IAF)		HORDE (FB)			157.57 / 6.20			1900								
HORDE (FAF)		CULAV/2.50 NM TO RW16 (FB)			157.62 / 2.63											
CULAV/2.50 NM TO RW16		RW16 (MAP) (FO)			157.62 / 2.50											
RW16 (MAP)		1500 MSL			157.62			1500								
1500 MSL		ZUBAX (FO)						2700								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N AMIDY, RT, 157.57 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 157.62 FAF: HORDE DIST FAF TO MAP: 5.13 THLD: 5.13 4. MIN. ALT: AMIDY 2700, HORDE 1900, CULAV/2.50 NM TO RW16 1060* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1900 GS ALT AT: HORDE 1900 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR 8. MSA FROM: RW16 2600										MAG VAR: 12W EPOCH YEAR: 1985						
MINIMUMS																
TAKEOFF: 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	DH/MDA	VIS	HAT/HAA	
LPV DA	463	3/4	250	463	3/4	250	463	3/4	250	463	3/4	250				
LNAV/VNAV DA	529	1	316	529	1	316	529	1	316	529	1	316				
LNAV MDA	640	1	427	640	1	427	640	1 1/4	427	640	1 1/4	427				
CIRCLING	680	1	467	680	1	467	680	1 1/2	467	780	2	567				
NOTES: CHART NOTE: NIGHT LANDING: RWY 34 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV NA WHEN USING NORTHEAST PHILIDELPHIA ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 213 TDZE: 213			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
TRENTON, NJ		AIRPORT NAME:					RNAV (GPS) RWY 16, ORIG-B					AMDT: ORIG-A				
		TRENTON MERCER					4 FEBRUARY 2016					DATED 09/18/2014				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZUVIV ON V405 SOUTHWEST BOUND AND V147 NORTH BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SBJ VOR/DME AIRWAY RADIALS 171 CW 309.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORTHEAST PHILADELPHIA ALTIMETER SETTING AND INCREASE ALL DA 47 FEET, INCREASE ALL MDA 60 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS AND LNAV CAT C,D VISIBILITY 1/8 MILE.

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTTN
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	401701.3750N
LTP/FTP LONGITUDE	0744904.7000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00313
FPAP LATITUDE	401547.7400N
FPAP LONGITUDE	0744759.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 2E081EFC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00648
FPAP ORTHOMETRIC HEIGHT	+00648

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KTTN

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AMIDY	010	AMIDY	HF	FO		157.6			R			AA 02700		EE A
SBJ	010	SBJ	IF	FB										V A
SBJ	020	AMIDY	TF	FB	1.0	241.0						AA 02700		EE B
ZUVIV	010	ZUVIV	IF	FB										E A
ZUVIV	020	AMIDY	TF	FB	1.0	090.6						AA 02700		EE B
	010	AMIDY	IF	FB								AA 02700		E I
	020	HORDE	TF	FB	0.5	157.6				RW16		AA 01900		E F
	021	CULAV	TF	FB	0.3	157.6		3.00				AA 01060 GS 01063		E S
	030	RW16	TF	FO	0.3	157.6		3.00				AT 00268		GY M
	040		CA	FB		157.6						AA 01500		M
	050	ZUBAX	DF	FO					R			AA 02700		EY
	060	ZUBAX	HM	FO		058.4			R			AA 02700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SBJ	N403458.96	W0744430.46
AMIDY	N402622.68	W0745726.85
CULAV	N401905.30	W0745055.32
HORDE	N402115.54	W0745251.73
ZUBAX	N400824.64	W0745957.05
ZUVIV	N402312.68	W0751805.98

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW16	N401701.38	W0744904.70	00213	55

QUALITY
5
CHECKED

CITY AND STATE TRENTON, NJ	ELEVATION: 213 AIRPORT NAME: TRENTON MERCER	TDZE: 213 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG-B 4 FEBRUARY 2016	SUP:
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