

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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 ID</u> KTEB	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 6	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> TETERBORO	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 6	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 6	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 06/27/2013	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
STW VOR/DME		ELIZE		TF	FB	1.00	131.54	10.06	3000
COATE		ELIZE		TF	FB	1.00	188.41	13.41	3000
ELIZE	IAF	GUZTI		TF	FB	0.50	140.05	19.74	3000
SBJ VOR/DME	IAF	GUZTI		TF	FB	0.50	079.60	20.02	3000
GUZTI	IF	CATXO		TF	FB	0.30	054.15	5.60	2000
CATXO		HOLUR		RF	FB	0.30	(4.50 NM RADIUS CW (CFBMP))	3.14	1700
HOLUR		* EVEGE	PFAF	TF	FB	0.30	094.25	1.94	1500
EVEGE	PFAF	* AWKEB		TF	FB	0.30	094.29	0.66	
AWKEB		* OFFEC		RF	FB	0.30	(1.93 NM RADIUS CCW (CFBMQ))	1.15	
OFFEC		RW06	MAP	TF	FO	0.30	060.12	2.72	
RW06	MAP	1000 MSL		CA			060.12		1000
1000 MSL		TEBLE		DF	FB	1.00			2000
TEBLE		UBUCK		TF	FO	1.00	271.93	12.43	3000



MISSED APPROACH**MAP:**

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2000 DIRECT TEBLE, CROSS TEBLE AT OR BELOW 2000, THEN CLIMB TO 3000 ON TRACK 271.93 TO UBUCK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT GUZTI					
3. FAC: *	PFAF: EVEGE		DIST PFAF TO MAP:		DIST PFAF TO THLD:
4. MIN ALT: GUZTI 3000, CATXO 2000, HOLUR 1700, EVEGE 1500					
5. DIST TO THLD FROM PFAF: 4.53	MM:	IM:	150 HAT:	673 HAT: 1.95	GS ANT:
6. MIN GP INCPT: 1500	GP ALT AT PFAF : EVEGE 1500, AWKEB 1290, OFFEC 923		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 53.4		
8. MSA FROM: RW06 2900					

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

EQUIPMENT REQUIREMENTS NOTE:

RADAR REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COATE ON V252 NORTHBOUND AND V116-188, T218 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBJ VOR/DME AIRWAY RADIALS 028 CW 147.

CHART PLANVIEW NOTE AT STW VOR/DME: (RNP 0.30).

CHART PLANVIEW NOTE AT COATE: (RNP 0.30).

CHART PLANVIEW NOTE AT SBJ VOR/DME: (RNP 0.30).

CHART NOTE: FOR INOPERATIVE ALS FROM INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 7/8 SM.

CHART SPEED ICON IN PLANVIEW AT ELIZE: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT GUZTI: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR BELOW 2000 AT TEBLE.

HOLD E, RT, 271.75 INBOUND.

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	679	1 1/2	673	679	1 1/2	673	679	1 1/2	673	679	1 1/2	673			

CHANGES - REASONS

1. TERMINAL ROUTES: SBJ VOR/DME TO GUZTI COURSE CHANGED FROM 079.59 TO 079.60 - REALIGNED FIX GUZTI MOVED TO MAKE TANGENT WITH RF LEG CATXO TO HOLUR, FIX GUZTI MOVED 28 FT SOUTHEAST.
2. TERMINAL ROUTES: ELIZE TO GUZTI DISTANCE CHANGED FROM 19.73 TO 19.74 - REALIGNED FIX GUZTI MOVED TO MAKE TANGENT WITH RF LEG CATXO TO HOLUR, FIX GUZTI MOVED 28 FT SOUTHEAST.
3. TERMINAL ROUTES: GUZTI TO CATXO COURSE CHANGED FROM 054.20 TO 054.15 - REALIGNED FIX GUZTI MOVED TO MAKE TANGENT WITH RF LEG CATXO TO HOLUR, FIX GUZTI MOVED 28 FT SOUTHEAST.
4. TERMINAL ROUTES: DISTANCE FROM HOLUR TO EVEGE CHANGED FROM 2.00 TO 1.94 - FIX EVEGE MOVED 357 FT WEST.
5. TERMINAL ROUTES: DISTANCE FROM EVEGE TO AWKEB CHANGED FROM 0.60 TO 0.66 - FIX EVEGE MOVED 357 FT WEST.
6. TERMINAL ROUTES: MISSED APPROACH REDESIGNED. MISSED APPROACH FROM PIXDY TO ANGLE REMOVED AND REPLACED WITH NEW MISSED APPROACH TEBLE TO UBUCK - MISSED APPROACH REDESIGN PER FPT/ATC REQUEST TO DECONFLICT TRAFFIC FROM ADJACENT ATC DELEGATED AIRSPACE AT KLGA
7. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2000 DIRECT PIXDY AND ON TRACK 038.83 TO ANGLE AND HOLD" TO "CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2000 DIRECT TEBLE, CROSS TEBLE AT OR BELOW 2000, THEN CLIMB TO 3000 ON TRACK 271.93 TO UBUCK AND HOLD" - MISSED APPROACH REDESIGNED TO DECONFLICT TRAFFIC FROM ADJACENT ATC DELEGATED AIRSPACE AT KLGA, AND TO HAVE ONE MISSED APPROACH PROCEDURE DEDICATED TO ALL RWY 6 APPROACHES.
8. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW FAAO 8260.19I PARAGRAPH 8-6-7.G.(3).
9. PROFILE LINE 7: CHANGED 34:1 IS NOT CLEAR TO 34:1 IS CLEAR - IAW FAAO 8260.19I PARAGRAPH 8-6-7.G.(3); OBSTACLE IDENTIFICATION SURFACE (OIS) IS CLEAR.
10. PROFILE LINE 8: MSA: CHANGED FROM RW06 3000 TO RW06 2900 - UPDATED CONTROLLING OBSTACLE.
11. PBN REQUIREMENTS NOTE: ADDED RNP AR APCH - GPS - IAW FAAO 8260.19I PARAGRAPH 8-6-8.B.(2).
12. NOTES: REMOVED CHART NOTE RF REQUIRED AND GPS REQUIRED - IAW FAAO 8260.19I PARAGRAPH 8-6-8.B.(4)(D).
13. NOTES: UPDATED CHART PLANVIEW NOTE, ARRIVAL RESTRICTIONS FIX COATE, DELETED V126, AND ADDED T218 - UPDATED TO CURRENT ENROUTE ENVIRONMENT.
14. NOTES: CHANGED FOR INOPERATIVE ALS FROM INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 1/4 SM TO INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 7/8- PER FAAO 8260.3E TABLE 3-3-1.
15. NOTES: REMOVED FAHRENHEIT VALUES IN UNCOMPENSATED BARO-VNAV - IAW 8260.19I PARAGRAPH 8-6-9.R.
16. ADDITIONAL FLIGHT DATA: CHANGED HOLD NE, RT, 231.36 INBOUND TO HOLD E, RT, 271.75 INBOUND - MISSED APPROACH REDESIGNED TO HOLD AT UBUCK.
17. ADDITIONAL FLIGHT DATA: REMOVED ROUTE TYPE: A, H AND ROUTE TYPE QUALIFIER 1: F AND 2: S - OBSOLETE CRITERIA IAW FAAO 8260.19I PARAGRAPH 8-6-9.
18. ADDITIONAL FLIGHT DATA: REMOVED CHART FAS OBST: 336 ANT ON OL TANK - IAW FAAO 8260.19I PARAGRAPH A 8-6-10.C - NOT REQUIRED TO DOCUMENT FAS OBSTACLES FOR RNP.
19. RNP 0.30 MINIMUMS: VISIBILITY CHANGED ALL CATS FROM 2 SM TO 1 1/2 SM. - PER FAAO 8260.3E TABLE 3-3-1.
20. ADDED EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED. - EQUIVALENT LEVEL OF SAFETY REQUIREMENT FROM WAIVER FOR HOLD-DOWN ALTITUDE IN MISSED APPROACH SEGMENT AT TEBLE.
21. LINE 6, CHANGED GS ALT AT PFAF, FROM AWKEB 1304 TO AWKEB 1290, AND FROM OFFEC 931 OFFEC 923. - PFAF (EVEGE) MOVED 357 FT WEST.
22. ADDED ADDITIONAL FLIGHT DATA CHART AT OR BELOW 2000 AT TEBLE. - UPDATED MISSED APPROACH DESIGN TO DECONFLICT TRAFFIC AT KLGA.
23. ADDITIONAL FLIGHT DATA: REMOVED #TCH 59.4 (DO NOT CHART) - NO LONGER REQUIRED.
24. ALTERNATE MINIMUMS CHANGED FROM 800-2 1/4 TO STANDARD - STANDARD APV ALTERNATE MINIMUMS ARE 800-2 PER 8260.3E, PARA 3-4-1.
25. PROFILE LINE 5: CHANGED DISTANCE FROM THLD TO OM TO DISTANCE FROM THLD TO PFAF - PER 8260.19I, PARA 8-6-7E.
26. CHANGED AIRPORT ELEVATION FROM 9 FT TO 8 FT - UPDATED SURVEY DATA.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, NY TRACON, KTEB ATCT, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by

ERIC N SUSKI

Jun 30, 2023

OFFICE

FPO

DATE

06/29/2023

DEVELOPED BY

MICHAEL MCCARTNEY

Digitally signed by

MICHAEL A MCCARTNEY

May 08, 2023

OFFICE

AJV-A431

DATE

12/02/2022

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

May 12, 2023

OFFICE

AJV-A431

DATE

TITLE
MANAGER

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KTEB	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 6	<u>AMDT NO.</u> 1	<u>CITY</u> TETERBORO	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 8	<u>FACILITY</u> RNAV
---------------------------	---	----------------------	--------------------------	--------------------	-------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
STW VOR/DME

TO
ELIZE

RNP
1.00

DISTANCE
10.06

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	405230.00N/0744554.00W	1510	164	98	4E	1000				AT490	3000
TERRAIN	405230.00N/0744554.00W	1309 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
COATE

TO
ELIZE

RNP
1.00

DISTANCE
13.41

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	410039.00N/0743551.00W	1529	164	98	4E	1000				AT471	3000
TERRAIN	410039.00N/0743551.00W	1328 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM
ELIZE

TO
GUZTI

<u>RNP</u> 0.50	<u>DISTANCE</u> 19.74	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	405348.00N/0744100.00W		1405	164	98	4E	1000				AC98 AT497	3000
TERRAIN	405348.00N/0744100.00W		1204 (1200)								AS1500	2700

COMPUTATIONS													
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE		

SEGMENT REMARKS:

INITIAL

FROM
SBJ VOR/DME

TO
GUZTI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
0.50	20.02										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	403703.00N/0743439.00W	873	164	98	4E	1000				AC98 AT1029	3000
TERRAIN	403703.00N/0743439.00W	672 (700)								AS1500	2200

COMPUTATIONS													
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE		

SEGMENT REMARKS:



INTERMEDIATE

FROM

GUZTI

TO

CATXO

<u>RNP</u> 0.30	<u>DISTANCE</u> 5.60	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (34-000195)	404715.00N/0741517.00W	919	500	125	5E	500				AC125 AT456	2000
TERRAIN	404651.00N/0741527.00W	656 (700)								AS1000	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

CATXO

TO

HOLUR

<u>RNP</u> 0.30	<u>DISTANCE</u> 3.14	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (34-000195)	404715.00N/0741517.00W	919	500	125	5E	500				AC125	1544
TERRAIN	404721.00N/0741512.00W	659 (700)								AS1000	1700

COMPUTATIONS

RF SEGMENT

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

CATXO-HOLUR

2771

180

192.43

2762.61

45.72

4.50

10.41

(CFBMP)/3.14

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM

HOLUR

TO

EVEGE

<u>RNP</u> 0.30	<u>DISTANCE</u> 1.94	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404833.00N/0741154.00W		473	164	98	4E	500				AC98 AT429	1500
TERRAIN	404833.00N/0741109.00W		229 (200)								AS1000	1200

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

FINAL

FROM

EVEGE

TO

AWKEB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
0.30	0.66											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				1290

COMPUTATIONS												
TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
EVEGE-AWKEB	1500	165	173.06	1491.6	30				0.01	3783.1	21.48:1	

SEGMENT REMARKS:



FINAL: STEPDOWN

FROM
AWKEB

TO
OFFEC

<u>RNP</u> 0.30	<u>DISTANCE</u> 1.15	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>				<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				923

COMPUTATIONS													
RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	
AWKEB-OFFEC	1290	165	172.52	1281.78	30	1.93	17.27			4081.22	21.48:1	(CFBMQ)/1.15 NM	

SEGMENT REMARKS:

FINAL: STEPDOWN

FROM
OFFEC

TO
RW06

RNP	DISTANCE	PAT	MAP	HAT	HMAS								
0.30	2.72		RW06	673									
OBSTRUCTION		COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TANK (34-000556)		405034.03N/0740533.79W		335	20	3	1A		21.48:1			AC3 XP47	679

COMPUTATIONS													
TF TURN FIX	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	
	923	165	171.58	915.03	30					3783.1	21.48:1		

SEGMENT REMARKS:

SEGMENT REMARK: XP: MATCHING OLD MINIMUMS PER FPT REQUEST.



MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

UBUCK

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 518				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
						ASC					3000
AAO	405512.00N/0742421.00W	1178	164	98	4E	1000					2200
TERRAIN	405512.00N/0742421.00W	977 (1000)								AS1000	2000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED

MSA

CENTER

RW06

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (36-000266)	411230.55N/0742121.42W	341	25.3	1808	20	3	1A	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

ALL REDUCTIONS IN RNP VALUES ARE DUE TO NY TRACON AIRSPACE CONSTRAINTS.

RF FINAL DEVELOPED TO AVOID NEWARK LIBERTY TRAFFIC TO THE SOUTH.

WAIVER FOR MISSED APPROACH 2000 FT HOLD-DOWN ALTITUDE FROM DA/THLD TO FIX TEBLE:
HOLD-DOWN CONTROLLING OBSTACLE: 750 AAO 405812.39N/0741008.85W, 1000 FT ROC APPLIED. MIN ALTITUDE 1800.

MISSED APPROACH EVALUATED USING 200 KIAS SPEED RESTRICTION AT TEBLE TO CONTAIN VA-DF LEG WITHIN WIND SPIRAL BOUNDARIES. MISSED APPROACH IS WHOLLY CONTAINED WITHIN LATERAL BOUNDARIES OF KEWR/N90 CLASS B AIRSPACE, WHICH RESTRICTS AIRSPEED TO 200 KIAS PER CFR 91.117(C). SPEED RESTRICTION NOT CHARTED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
TEB TOWER, NYC APP CON, ACY TRACON

WX SERVICE ASOS	LOCATION KTEB	HRS OPERATION 24	ALTIMETER SOURCE KTEB	DISTANCE 0	SERVICE-A Y	ADJUSTMENTS 0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:
BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCE.

PRIMARY NAVAID MONITOR POINT HRS OPERATION CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW01 - HIRL, REIL, C/LINE, VASI-4R	PIR-G	
RW06 - TDZ, MALSR, HIRL, REIL, C/LINE	PIR-G	APPROACH, ROLL OUT
RW19 - TDZ, HIRL, REIL, C/LINE, PAPI-4L	PIR-G	
RW24 - HIRL, REIL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 4.9	TCH 53.4	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
--------------------------	---------------------------	-------------	-----------------	-------------------	------------	-----

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW -13C	CRITICAL HIGH +54C	ACT -13C	APT ISA +14.98C
----------------------	-----------------------	-------------	--------------------

CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2017-2021).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VDP NOT ESTABLISHED - RNP PROCEDURE.
100 FT VEGETATION PER FPT.
WAIVER (1): MAXIMUM ALTITUDE RESTRICTION IN MISSED APPROACH SEGMENT.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.59
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	*
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	FAF**	TO 1500FT POINT	6.15
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	042.15
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD
COORDINATES
(IF STR-IN)405048.22N/0740413.06W

ARP COORDINATES405100.40N/0740339.00W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARPRUNWAY 1 DISTANCE 0.69 NM

FAF
COORDINATES404825.51N/0740905.97W

FIX NAME
COORDINATESIF GUZTI: 404234.51N/0742009.98W

REMARKS

RF FLT TRACK RADIUS 1.93 CENTERED ON CFBMQ (405025.61N/0740834.81W).
*AWKEB 404830.81N/0740814.38W 1.93 NM CCW FROM OFFEC 404859.37N/0740652.98W.

**1500 FOOT OF AIRSPACE LOCATED IN THE INTERMEDIATE BETWEEN GUZTI (IF) AND CATXO (IF SDF): DIST=4.00, WIDTH=1.2, TRUE COURSE=042.15, HIGH TERRAIN=700.

RT FLT TRACK RADIUS 4.5 CENTERED ON CFBMP (404342.12N/0741050.08W).
CATXO (404643.69N/0741513.15W) AND HOLUR (404809.82N/0741137.96W).
HOLUR (IF SDF) TO EVEGE (FAF): DIST=1.94, WIDTH=1.2, TRUE COURSE=082.25 HIGH TERRAIN=200.
EVEGE (FAF) TO AWKEB: DIST=0.66, WIDTH=1.2, TRUE COURSE=082.29, HIGH TERRAIN=200.

INTERMEDIATE SEGMENT CONTAINED WITHIN 700 FT CLASS E AIRSPACE.
NO ADDITIONAL AIRSPACE REQUIRED.



PART E: PREPARED BY

<u>NAME</u> MICHAEL MCCARTNEY	<u>OFFICE</u> AJV-A431	<u>DATE</u> 12/02/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
----------------------------------	---------------------------	---------------------------	---

