

**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 ID</u> KTEB	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 19	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> TETERBORO	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 6	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<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>
STRAD	IAF	SKUBY		TF	FB	1.00	131.31	4.88	2800
SKUBY		NIPIE		TF	FB	1.00	131.37	4.88	2600
NIPIE		UNVIL		TF	FB	1.00	150.01	5.84	2100
UNVIL	IF	TUGGZ	PFAF	TF	FB	1.00	195.19	5.84	1500
TUGGZ	FAF	RW19	MAP	TF	FO	0.30	195.21	4.52	
RW19	MAP	500 MSL		CA			195.21		500
500 MSL		BUBGE		DF	FB	1.00			1500
BUBGE		EXAMM		TF	FO	1.00	274.75	6.09	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN DIRECT BUBGE, CROSS BUBGE AT 1500, THEN CLIMB TO 3000 ON TRACK 274.75 TO EXAMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT UNVIL

3. FAC:

195.21

PFAF: TUGGZ

DIST PFAF TO MAP: 4.52

DIST PFAF TO THLD: 4.52

4. MIN ALT: UNVIL 2100, TUGGZ 1500

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

235 HAT: 0.57

GS ANT:

6. MIN GP INCPT:

1500

GP ALT AT PFAF : TUGGZ 1500

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 54.3

8. MSA FROM: RW19 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.
RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS B, C, D NW OF RWY 06-19.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 1500 AT BUBGE.
HOLD NW, RT, 132.00 INBOUND.
CHART FAS OBST: 693 TOWER (34-000006) 405250N/0740409W.
CHART VDP AT 2.79 NM TO RW19.
WAAS CHANNEL # 97736
REFERENCE PATH ID: W19A
CHART CIRCLING ICON.
LTP HAE: -30.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 1100-4

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	241	3/4	235	241	3/4	235	241	3/4	235	241	3/4	235			
LNAV/VNAV DA	1096	4	1090	1096	4	1090	1096	4	1090	1096	4	1090			
LNAV MDA	960	1 1/4	954	960	1 1/2	954	960	3	954	960	3	954			
CIRCLING	960	1 1/4	952	960	1 1/2	952	960	3	952	1040	3	1032			



CHANGES - REASONS

1. UPDATED PBN EQUIPMENT REQUIREMENTS FROM RNP APCH TO RNP APCH - GPS. - IAW FAAO 8260.19I PARAGRAPH 8-6-8.B.(2)
2. UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C OR ABOVE 54C." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13 OR ABOVE 54C." - UPDATED HISTORICAL AVERAGE TEMPERATURES.
3. INCREASED LPV DA/HAT FROM DA 219/HAT 213 TO DA 241/HAT 235. - NEW MISSED APPROACH SLOPING SURFACE CONTROLLING OBSTACLE.
4. LINE 5 CHANGED DIST TO THLD FROM 213 HAT: 0.50 TO 235 HAT: 0.57. - INCREASED DA/HAT.
5. DELETED LNAV 7:1 OBSTACLE 340 AAO 405550N/0740240W. - OBSTACLE IS LOWER THAN LEVEL SURFACE CONTROLLING OBSTACLE.
6. DELETED *LNAV ONLY. - NO LONGER REQUIRED.
7. REMOVED NA WHEN LOCAL WEATHER NOT AVAILABLE FROM ALTERNATE MINS. - NO BACK-UP SOURCE UTILIZED.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZNY, N90, TEB ATCT, AMGR

FLIGHT CHECKED BY
JEREMY R VIRTIS

Digitally signed by

ERIC N SUSKI

Jul 20, 2022

OFFICE
FPO

DATE
07/18/2022

DEVELOPED BY

DONALD H. LANIER (MICHAEL MCCARTNEY) **ERIC N SUSKI**

Digitally signed by

Jul 20, 2022

OFFICE
AJV-A431

DATE
05/03/2022

APPROVED BY *Digitally signed by*

CASIMIR TABAKA **ERIC N SUSKI**

Jul 20, 2022

OFFICE
AJV-A430

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTEB
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	405120.7535N
LTP/FTP LONGITUDE	0740332.8030W
LTP/FTP ELLIPSOIDAL HEIGHT	-00301
FPAP LATITUDE	404951.7375N
FPAP LONGITUDE	0740339.3595W
THRESHOLD CROSSING HEIGHT (TCH)	00054.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0848
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	6B3684F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00019
FPAP ORTHOMETRIC HEIGHT	+00019

