

**FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 COPTER ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
 TITLE 14 CFR PART 97.35**

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> COPTER ILS Y OR LOC Y RWY 6	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> TETERBORO	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 6	<u>SUPERSEDED</u> COPTER ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 1G	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-TEB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DANDY/RADAR	IF	TORBY LOM					060.16	2.19 (I-TEB)	1300
TORBY LOM	FAF	3.80 NM AFTER TORBY LOM	MAP				060.16	3.80 (I-TEB)	
3.80 NM AFTER TORBY LOM	MAP	1000 MSL		CA			060.16		1000
1000 MSL		TEBLE		DF	FB	1.00			2000
TEBLE		UBUCK		TF	FO	1.00	271.93		3000

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: 3.80 NM AFTER TORBY LOM

**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 DANDY
- 3. FAC: 060.16                            FAF: TORBY LOM                            DIST FAF TO MAP: 3.80                            DIST FAF TO THLD: 3.80
- 4. MIN ALT:    DANDY/RADAR 1500, TORBY LOM 1300
- 5. DIST TO THLD FROM OM: 3.80                            MM:                            IM:                            150 HAT:                            GS ANT: 1022
- 6. MIN GS INCPT: 1300                            GS ALT AT PFAF : GP INTCP 1300                            OM: 1270                            MM:                            IM:
- 7. GS ANGLE: 3.00                            34:1:                            20:1:                            TCH: 53.4
- 8. MSA FROM:    TEB VOR/DME 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTE:

RADAR REQUIRED.

NOTES:

ADDITIONAL FLIGHT DATA:

CHART AT OR BELOW 2000 AT TEBLE.  
CHART MANDATORY 1500 AT DANDY/RADAR.  
HOLD E, RT, 271.75 INBOUND.  
FAS OBST: 300 AAO 404815N/0740715W.  
320 AAO 404748N/0740735W.

MINIMUMS:

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

ALTERNATE: NA   

CATEGORY:	COPTER															
	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
H-ILS 06	206	1200	200		NA			NA			NA					
H-LOC 06	560	2400	554		NA			NA			NA					



**CHANGES - REASONS**

1. CHANGED PROCEDURE NAME FROM COPTER ILS OR LOC RWY 6 TO COPTER ILS Y OR LOC Y RWY 6 - ALPHABETICAL SUFFIX ADDED IAW FAAO 8260.3E PARAGRAPH 1-6-2. D.
2. TERMINAL ROUTES: CHANGED DANDY/TEB 6.34 DME/RADAR TO TE OM TO DANDY TO TORBY LOM - CHANGED TO A PBN TRANSITION AND UPDATED LOM NDB INFO PER AIRNAV DATA.
3. TERMINAL ROUTES: SEGMENT CHANGED TO RNP VALUE OF 1.0 WITH TF LEG - CHANGED TO A PBN TRANSITION PER FPT/ATC REQUEST.
4. TERMINAL ROUTES: DANDY TO TORBY LOM COURSE/DISTANCE CHANGED FROM 060.15°/2.20 NM TO 060.16°/2.19 NM - FIX ESTABLISHED ABEAM LOM ON THE LOCALIZER MOVED 11.84 FEET SOUTHWEST.
5. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2500 VIA TEB R-335 TO PATRN INT AND HOLD" TO CLIMB TO 1000 THEN CLIMBING LEFT TURN DIRECT TEBLE, CROSS TEBLE AT OR BELOW 2000, THEN CLIMB TO 3000 ON TRACK 271.93 TO UBUCK AND HOLD - MISSED APPROACH REDESIGN PER FPT/ATC REQUEST.
6. PROFILE LINE 4: ADDED DANDY 1500 AND RENAMED TE OM TO TORBY LOM - IAW 8260.19I PARA 8-6-7 (D).
7. PROFILE LINE 5: CHANGED DIST TO THLD FROM GS ANTENNA FROM 1023 TO 1022 - DISTANCE THLD TO FACILITY CALCULATED BY TARGETS.
8. PROFILE LINE 6: ADDED GS ALT AT PFAF; GP INTCP 1300; CHANGED GLIDESLOPE ALTITUDE AT OM FROM 1284 TO 1270 - PER TE OM AIRNAV RECORD; IAW 8260.19I, 8-6-7 (F) (5).
9. PROFILE LINE 7: CHANGED TCH FROM 53 TO 53.4 - UPDATED WITH DESIGN TCH.
10. PROFILE LINE 8: MSA FROM: CHANGED FROM "TEB VOR/DME 3000" TO "TEB VOR/DME 2900" - NEW CONTROLLING OBSTACLE, 1808' TOWER.
11. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.19I PARA 8-6-8 (B) (2).
12. EQUIPMENT REQUIREMENTS NOTE: REMOVED "DME OR RADAR REQUIRED, RADAR REQUIRED FOR PROCEDURE ENTRY AND ADF REQUIRED FOR LOC ONLY", ADDED "RADAR REQUIRED" - IAW 8260.19I PARA 8-6-8 (C); HYBRID PROCEDURE REQUIRES RNAV GPS, RETAINED RADAR REQUIRED IAW EQUIVALENT LEVEL OF SAFETY REQUIREMENT FROM WAIVER FOR HOLD-DOWN ALTITUDE IN MISSED APPROACH SEGMENT AT TEBLE.
13. NOTE: DELETED "DME FROM TEB VOR/DME" - PER AIRNAV DATA, TEB LOCALIZER DME UNUSABLE FOR RADIALS 236° - 246°.
14. NOTE: DELETED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO H-ILS 6" - IAW 8260.19I, 8-6-11 (O) (3), NOT APPLICABLE AS STANDARD NO-LIGHT INCREASES APPLIES.
15. ADDITIONAL FLIGHT DATA: CHANGED "HOLD NE, RT, 211. INBOUND" TO "HOLD E, RT, 271.75 INBOUND" - NEW MISSED APPROACH HOLDING AT UBUCK.
16. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE; DELETED 258' TREE 404851N/0740818W AND ADDED 300 AAO 404815N/0740715W - ANNOTATED NEW CONTROLLING FAS OBSTACLE IAW 8260.19I, 8-6-10 (C).
17. ADDITIONAL FLIGHT DATA: UPDATED 7:1 OBSTACLE INFORMATION; DELETED 286 T-L TWR 404808N/0740828W AND ADDED 320 AAO 404748N/0740735W - IAW 8260.19I, 8-6-10 (E).
18. ADDED ADDITIONAL FLIGHT DATA CHART AT OR BELOW 2000 AT TEBLE - UPDATED MISSED APPROACH DESIGN, ATC REQUEST FOR N90 AIRSPACE DECONFLICTION.
19. CHANGED ADDITIONAL FLIGHT DATA FROM CHART AT OR ABOVE 1500 AT DANDY TO CHART MANDATORY 1500 AT DANDY - PER ATC REQUEST.
20. MINIMUMS: INCREASED H-LOC MDA/HAT FROM 500/494 TO 560/554 - REVISED OBSTACLE EVALUATION, 300' AAO.

06/23/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/01/2022.

1. UPDATED FIX DANDY AS RADAR.
2. CHANGED TERMINAL ROUTE DANDY TO TORBY LOM TO GROUND BASED NAVIGATION.
3. ADDED PBN MISSED APPROACH TO TERMINAL ROUTES.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZNY, NY TRACON, TEB ATCT, AMGR

*Digitally signed by*

**FLIGHT CHECKED BY**  
JORGE ALBERTO MALCUN

**ERIC N SUSKI**  
Jun 26, 2023

**OFFICE**  
FIOG

**DATE**  
06/06/2023

*Digitally signed by*

**DEVELOPED BY**  
PARNELL PRASSADA

**PARNELL R PRASSADA**  
Jun 26, 2023

**OFFICE**  
AJV-A431

**DATE**  
12/01/2022

**APPROVED BY**  
ERIC N SUSKI

*Digitally signed by*  
**ERIC N SUSKI**  
Jun 26, 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> COPTER ILS Y OR LOC Y RWY 6	<u>AMDT NO.</u> 2	<u>CITY</u> TETERBORO	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 8	<u>FACILITY</u> I-TEB
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**PART A: OBSTRUCTION DATA SEGMENTS**

INTERMEDIATE

**FROM**  
DANDY/RADAR

**TO**  
TORBY LOM

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
    2.19

<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	404751.00N/0741230.00W	453	164	98	4E	500				AC98 AT249	1300
TERRAIN	405009.00N/0740539.00W	157 (200)								AS1000	1200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

AFS APPROVAL LETTER FOR MANDATORY ALTITUDE IN INTERMEDIATE SEGMENT.

**FINAL: ILS**

**FROM**  
GP INTCP

**TO**  
RW06

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
    3.80  
    DA                                      200

<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				206

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



AIRPORT ID  
KTEB

PROCEDURE NAME  
COPTER ILS Y OR LOC Y RWY 6

AMDT NO.  
2

CITY  
TETERBORO

STATE  
NJ

AIRPORT ELEVATION  
8

FACILITY  
I-TEB

FINAL: LOC

FROM  
TORBY LOM

TO  
3.80 NM AFTER TORBY LOM

RNP DISTANCE PAT MAP HAT HMAS  
3.80 3.80 NM AFTER TORBY LOM 554

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404815.40N/0740714.81W	300	50	20	2C	250					560

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH : ILS

FROM DA TO UBUCK

RNP DISTANCE PAT MAP HAT HMAS  
106

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							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:



**MISSED APPROACH : LOC**

<u>FROM</u> 3.80 NM AFTER TORBY LOM	<u>TO</u> UBUCK
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RNP	DISTANCE	PAT	MAP	HAT				HMAS 400				
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
AAO		405512.00N/0742421.00W	1178	164	98	4E	1000					2200
TERRAIN		405512.00N/0742421.00W	977 (1000)								AS1000	2000

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

CIRCLING    ALL CATS    CAT A    CAT B    CAT C    CAT D    CAT E    NOT AUTHORIZED

**MSA**

<u>CENTER</u> TEB VOR/DME	<u>RADIUS</u> 25
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SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (36-000266)	411230.55N/0742121.42W	339	25.4	1808	20	3	1A	1000			2900

**MSA REMARKS:**
**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

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.

CONVENTIONAL INTERMEDIATE AND MISSED APPROACH SEGMENTS CHANGED TO PBN TRANSITIONS (RNAV GPS) DUE TO AIRSPACE CONSTRAINTS. INTERMEDIATE SEGMENT DESIGNED AS RNAV GPS BECAUSE USING A CONVENTIONAL INTERMEDIATE RESULTS IN A MUCH LARGER OBSTACLE IDENTIFICATION SURFACE, WHICH IN TURN REQUIRES AN INCREASE TO THE FIX CROSSING ALTITUDE AT DANDY FROM 1500 TO 1600. MANDATORY ALTITUDE OF 1500 AT DANDY, ALONG WITH MISSED APPROACH HOLD-DOWN ALTITUDE AT TEBLE OF AT/BELOW 2000, ARE REQUIRED TO ACCOUNT FOR TRAFFIC FLOW TO/FROM KJFK, KEWR AND KLGA. ALL FUTURE CHANGES TO THESE ALTITUDE RESTRICTIONS MUST BE COORDINATED WITH FTP/ATC PRIOR TO ANY MODIFICATION.



**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

TEB TOWER, NYC APP CON, ACY TRACON

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

**WX REMARKS:**

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCE.

<u>PRIMARY NAVAID</u> I-TEB	<u>MONITOR POINT</u> TEB TOWER	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
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

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 4.9	<u>TCH</u> 53.4	<u>ELEV GS ANTENNA</u> 4.3	<u>DISTANCE FROM RWY</u> 1022	<u>VGSI ANGLE</u>	<u>TCH</u>
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**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**

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**



AIRPORT ID  
KTEB

PROCEDURE NAME  
COPTER ILS Y OR LOC Y RWY 6

AMDT NO.  
2

CITY  
TETERBORO

STATE  
NJ

AIRPORT ELEVATION  
8

FACILITY  
I-TEB

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

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

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED PER FPT.

VDP NOT ESTABLISHED - DME SOURCE NOT AVAILABLE.

WAIVER (1): MAXIMUM ALTITUDE RESTRICTION IN MISSED APPROACH SEGMENT. LOA (1): APPROVAL  
FOR MANDATORY ALTITUDE IN INTERMEDIATE SEGMENT. ORDER 8260.3 CHAPTER 2 APPLIED TO 320  
AAO 404747.85N/0740734.71W.

DOCUMENT HAS BEEN EDITED USING PDF FEATURE TO COMPLY WITH EXISTING REGULATIONS.





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	0.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	048.16
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	6.39
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	048.16
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	200

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

ARP COORDINATES 405100.40N/0740339.00W

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

FAF  
COORDINATES 404815.80N/0740756.98W

FIX NAME  
COORDINATES

REMARKS



AIRPORT ID  
KTEB

PROCEDURE NAME  
COPTER ILS Y OR LOC Y RWY 6

AMDT NO.  
2

CITY  
TETERBORO

STATE  
NJ

AIRPORT ELEVATION  
8

FACILITY  
I-TEB

**PART E: PREPARED BY**

**NAME**  
MICHAEL MCCARTNEY

**OFFICE**  
AJV-A431

**DATE**  
12/01/2022

**TITLE**  
AERONAUTICAL INFORMATION SPECIALIST

