

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> DCM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CHESTER	<u>STATE</u> SC
<u>AIRPORT ELEVATION</u> 657	<u>TDZE</u> 657	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 09/08/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 6W
				<u>EPOCH YEAR</u> 2000
				<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>
CIBOB		HUPNI		TF	FB	1.00	281.20	6.95	3000
HUPNI	IAF	SUNYO	NOPT	TF	FB	1.00	264.09	7.00	3000
SUNYO	IF/IAF	IYDAD		TF	FB	1.00	174.01	6.02	2300
IYDAD	FAF	CIXUV/2.50 NM TO RW17		TF	FB	0.30	174.03	2.48	
CIXUV/2.50 NM TO RW17		RW17	MAP	TF	FO	0.30	174.03	2.50	
RW17	MAP	907 MSL		CA			174.03		
907 MSL		HUSNY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HUSNY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N SUNYO, RT, 174.01 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 174.03 FAF: IYDAD DIST FAF TO MAP: 4.98 DIST FAF TO THLD: 4.98
- MIN ALT: SUNYO 3000, IYDAD 2300, CIXUV/2.50 NM TO RW17 1480
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.67 GS ANT: MM: IM:
- MIN GP INCPT: 2300 GP ALT AT PFAF: IYDAD 2300 OM: MM: IM:
- GP ANGLE: 3.04 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 34.0
- MSA FROM: RW17 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: CIRCLING TO RWY 5-23 NA AT NIGHT.  
CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING UZA ALTIMETER SETTING.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CIBOB ON T437-V37 NORTHBOUND.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE UZA ALTIMETER SETTING AND INCREASE LPV DA TO 940 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1167 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.07 INBOUND.  
CHART FAS OBST: 772 TRANSMISSION\_LINE (45-020686) 344926N/0811242W.  
CHART VDP AT 1.18 NM TO RW17.  
WAAS CHANNEL # 93818  
REFERENCE PATH ID: W17A  
LTP HAE: 169.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	907	3/4	250	907	3/4	250	907	3/4	250	907	3/4	250			
LNAV/VNAV DA	1134	1 3/8	477	1134	1 3/8	477	1134	1 3/8	477	1134	1 3/8	477			
LNAV MDA	1060	1	403	1060	1	403	1060	1 1/8	403	1060	1 1/8	403			
CIRCLING	1160	1	503	1160	1	503	1280	1 3/4	623	1480	2 3/4	823			



CHANGES - REASONS

1. DELETED TERMINAL ROUTE IAF EHAXY TO SUNYO.- SPA VORTAC RELOCATION.  
2. DELETED PLANVIEW NOTE PROCEDURE NA FOR ARRIVALS AT EHAXY ON V415 WESTBOUND.- SPA VORTAC RELOCATION.  
3. TERMINAL ROUTE CIBOB TO HUPNI COURSE/DISTANCE CHANGED FROM 277.42/8.88 TO 281.20/6.95.- FIX HUPNI MOVED 2 NM EAST.  
4. TERMINAL ROUTE HUPNI TO SUNYO COURSE/DISTANCE CHANGED FROM 264.07/5.00 TO 264.09/7.00.- FIX HUPNI MOVED 2 NM EAST.  
5. NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 47°C CHANGED TO 54°C.- UPDATED CRITICAL TEMPERATURE DATA.  
6. PROFILE LINE 2: ADDED MAX 6000.- 8260.19I 8.-6-7.B(2).  
7. PROFILE LINE 4: DELETED ASTERISK AT CIXUV/2.50 NM TO RW17 1480\*.- NO LONGER REQUIRED.  
8. PROFILE LINE 5: DIST TO THLD FROM 250 HAT CHANGED FROM 0.68 TO 0.67.- UPDATED EVALUATION.  
9. PROFILE LINE 7: GP ANGLE CHANGED FROM 3.00 TO 3.04; ADDED 20:1 IS CLEAR.- UPDATED EVALUATION; 8260.19I 8-6-7.G(3).  
10. DELETED PROFILE NOTE \*LNAV ONLY.- NO LONGER REQUIRED.  
11. NOTE VISIBILITY REDUCTION BY HELICOPTERS NA CHANGED TO RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.- UPDATED EVALUATION.  
12. VISIBILITIES: LPV ALL CATS CHANGED FROM 1 TO 3/4; LNAV/VNAV ALL CATS CHANGED FROM 1 3/4 TO 1 3/8; LNAV CATS C/D CHANGED FROM 1 1/4 TO 1 1/8.- 8260.3E TABLE 3-3-1.  
13. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCK HILL ALTIMETER SETTING AND INCREASE ALL DA 33 FEET AND ALL MDA 40 FEET AND LNAV CAT D VISIBILITY 1/4 MILE, CHANGED TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE UZA ALTIMETER SETTING AND INCREASE LPV DA TO 940 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1167 FEET; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM. – UPDATED TO CURRENT FORMAT.  
14. CHART FAS OBST: 800 POWER LINE 344945N/0811230W, 736 TREE 344803N/0811220W CHANGED TO 772 TRANSMISSION\_LINE (45-020686) 344926N/0811242W.- UPDATED EVALUATION.  
15. CHART VDP AT 1.12 NM TO RW17 CHANGED TO 1.18 NM.- UPDATED EVALUATION.  
16. FAS DATA BLOCK: FPAP LAT/LONG CHANGED FROM 344621.7600N/0811139.0100W TO 344621.7645N/0811139.0050W; GPA CHANGED FROM 3.00 TO 3.04.- UPDATED EVALUATION.  
17. CRC REMAINDER CHANGED FROM AAF5F95A TO B7FA24C0.- FPAP LAT/LONG CHANGED FROM 344621.7600N/0811139.0100W TO 344621.7645N/0811139.0050W AND GPA CHANGED FROM 3.00 TO 3.04.  
18. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CIBOB ON T437-V37 NORTHBOUND.- UPDATED EVALUATION.  
19. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ROCK HILL ALTIMETER SETTING CHANGED TO BARO-VNAV AND VDP NA WHEN USING UZA ALTIMETER SETTING.- UPDATED FORMAT.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBA

☒

OTHER: ZTL, CTL APP CON, AMGR

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

DAVID DANNER

Jul 22, 2024

OFFICE

FPO

DATE

07/18/2024

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DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDCM
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	344749.0735N
LTP/FTP LONGITUDE	0811201.4245W
LTP/FTP ELLIPSOIDAL HEIGHT	+01694
FPAP LATITUDE	344621.7645N
FPAP LONGITUDE	0811139.0050W
THRESHOLD CROSSING HEIGHT (TCH)	00034.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.04
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B7FA24C0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02001
FPAP ORTHOMETRIC HEIGHT	+02001

