

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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
AUG	ILS OR LOC RWY 17	3E	AUGUSTA	ME	352	I-AUG

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM AUG VOR/DME **TO** DUNNS LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
	6.11										
<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	442136.00N/0695300.00W	876	215	8	4B	1000				AT624	2500
TERRAIN	442136.00N/0695300.00W	675 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: ILS

FROM GP INTCP **TO** RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	6.06		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				548

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

FINAL: LOC

FROM

DUNNS LOM

TO

SHAWE/AUG 2.25 DME

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
	3.86				552						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	442339.00N/0695200.00W	650	215	8	4B	250					900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

SHAWE/AUG 2.25 DME

TO

5.56 NM AFTER DUNNS LOM

RNP	DISTANCE	PAT	MAP		HAT		HMAS				
	1.70		5.56 NM AFTER DUNNS LOM		272						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	441956.99N/0694826.52W	289	50	20	2C	250				XP80	620

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS



HOLD-IN-LIEU OF PT

FROM

DUNNS LOM

TO

P-8

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-8	<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	443145.00N/0695736.00W	1487	215	8	4B	1000					2500
TERRAIN	443145.00N/0695736.00W	1286 (1300)								AS1000	2300

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

DUNNS LOM

<u>RNP</u>	<u>DISTANCE</u>	<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				2500
AAO	442136.00N/0695300.00W	876	215	8	4B	1000					1900
TERRAIN	442136.00N/0695300.00W	675 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LOC

FROM

5.56 NM AFTER DUNNS LOM

TO

DUNNS LOM

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
											370
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
AAO	442136.00N/0695300.00W	876	215	8	4B	1000					1900
TERRAIN	442136.00N/0695300.00W	675 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH ALTERNATE: ILS

FROM

DA

TO

RAZZR INT/10.81 DME

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
											360
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (23-021698)	441759.29N/0694341.80W	794	20	3	1A	1000					1800
TERRAIN	441239.00N/0694100.00W	544 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH ALTERNATE: LOC

FROM

5.56 NM AFTER DUNNS LOM

TO

RAZZR INT/10.81 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
								370			
<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
TOWER (23-021698)	441759.29N/0694341.80W	794	20	3	1A	1000					1800
TERRAIN	441239.00N/0694100.00W	544 (500)								AS1500	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

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TOWER (23-000244)	441843.51N/0694909.00W	1.30	588/588	572	20	3	1A	300		XP60	940/940
CATEGORY B											
TOWER (23-000300)	441848.26N/0695003.52W	1.82	628/628	674	50	20	2C	300			980/980
CATEGORY C											
TOWER (23-000300)	441848.26N/0695003.52W	2.86	628/628	674	50	20	2C	300			980/980
CATEGORY D											
AAO	442200.00N/0695127.00W	3.73	808/808	847	215	8	4B	300			1160/1160

CIRCLING REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS



MSA

CENTER

DUNNS LOM

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
045-315	AAO	443742.00N/0702127.00W	320	25.0	2776	215	8	4B	1000			3800
315-045	AAO	444342.00N/0702033.00W	331	28.1	3386	215	8	4B	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, PWM APP CON, NHZ APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	AUG	24	AUG		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	WVL	24	WVL	13.79	Y	35

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KAUG 352, KWVL 333
RA = 34.4.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-AUG	AOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW08 - MIRL (PCL)	NPI-G	
RW26 - MIRL (PCL)	NPI-G	
RW17 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	
RW35 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	310.7	61.2	317.7	975	3.00	53.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

ON CENTERLINE

X

X

FT FROM THRESHOLD

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE



CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 26
20:1	
393 TREE (23-020162) 441917.4400N/0694710.3600W (12.7)	358 FENCE (23-020159) 441914.4800N/0694717.1000W (6.36)
354 TERRAIN (23-046373) 441915.6600N/0694717.9300W (2.23)	360 POLE (23-020160) 441915.6900N/0694715.7100W (1.03)
FINAL TYPE	CIRCLING RWY 8
20:1	
360 TREE (23-020149) 441900.0100N/0694754.6500W (6.38)	
PENETRATIONS REMARKS:	

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.

70 FOOT VEGETATION USED PER EASTERN FPT.

GUIDANCE IN 8260.19K 2-11-5 B EXCEPTION WAS FOLLOWED. "FOR RUNWAYS SUPPORTED BY AC 150/5300-18 USE THE DATABASE; HOWEVER, TERRAIN DATABASE INFORMATION, SUCH AS DTED, DEM, ETC., MAY BE INHIBITED FOR EVALUATION OF OBSTACLES LOCATED WITHIN THE CONFINES OF THE VERTICALLY-GUIDED APPROACH SURFACE (VGAS) AREA SPECIFIED IN THE SURVEY. OUTSIDE THE VGAS AREA, USE THE DATABASE AND WORST-CASE VEGETATION." FPT CONFIRMED WITH THE AIRPORT MGR THE VISUAL SURFACE IS NOT PENETRATED.

WAIVER ON FILE: THRESHOLD CROSSING HEIGHT (TCH) EXCEEDS THE MAXIMUM AUTHORIZED VALUE OF 60 FT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> AUG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17	<u>AMDT NO.</u> 3E	<u>CITY</u> AUGUSTA	<u>STATE</u> ME	<u>AIRPORT ELEVATION</u> 352	<u>FACILITY</u> I-AUG
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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	3.54
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	153.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	5.11
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.32
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	153.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)441939.56N/0694813.24W

ARP COORDINATES441914.47N/0694750.31W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES

FIX NAME COORDINATES

RUNWAY 17 DISTANCE 0.50 NM

442437.25N/0695144.06W

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ARTHUR ULVESTAD	AJV-A422	02/26/2026	AERONAUTICAL INFORMATION SPECIALIST

