

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC/DME SPECIAL INSTRUMENT APPROACH PROCEDURE
SPECIFICATION -- NOT FOR COCKPIT USE**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 7838	<u>TDZE</u> 7737	<u>SUPERSEDED</u> LOC/DME RWY 15	<u>DATED</u> 09/20/2012	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-ASE	<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>
BULDG		WERNR		TF	FB	1.00	245.30	17.24	16500
WERNR	IAF	ZAKOR		TF	FB	1.00	247.95	11.92	14000
AJAXX INT/I-ASE 19.07 DME	IAF	LIFTT/I-ASE 15.56 DME					150.63	3.51 (I-ASE)	13600
WOKUV/DBL 4.00 DME CCW	IAF	IVKEF/DBL 4.00 DME					4.00 DME ARC	3.12	14000
IVKEF/DBL 4.00 DME CCW	IAF	ZAKOR/DBL 4.00 DME					4.00 DME ARC	3.47	14000
ZAKOR/DBL 4.00 DME CCW		LIFTT/I-ASE 15.56 DME					4.00 DME ARC (DBL LR-309)	4.20	13600
LIFTT/I-ASE 15.56 DME	IF	TIKET/I-ASE 11.36 DME					150.63	4.00 (I-ASE)	12300

MISSED APPROACH

MAP:

LOC: CEYAG/I-ASE 4.04 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 14500 ON I-ASE SOUTHEAST LOCALIZER COURSE (151) TO RIKOC/I-ASE 2.34 DME THEN CLIMBING RIGHT TURN ON HEADING 300 AND ON I-PKN NORTHWEST COURSE (303) TO LINDZ INT/DBL 12.61 DME THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14500.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 365 FEET PER NM TO 10400.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 14500 ON I-ASE SOUTHEAST LOCALIZER COURSE (151) TO RIKOC/I-ASE 2.34 DME THEN CLIMBING RIGHT TURN ON HEADING 325 AND ON DBL VOR/DME 10 DME ARC CW THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 365' PER NM TO 10400 (REMAIN WITHIN 13.5 NM OF DBL VOR/DME WHILE TRANSITIONING TO THE DBL VOR/DME 10 DME ARC), CONTINUE CLIMB-IN-HOLD TO 14500.

PROFILE:

- PT**
- SIDE OF COURSE**
- OUTBOUND**
- FT WITHIN**
- MILES OF** (IAF)
- DIST FAF TO MAP:**
- DIST FAF TO THLD:** 9.92
- MIN ALT:** LIFTT/I-ASE 15.56 DME 13600, TIKET/I-ASE 11.36 DME 12300, XTREM/I-ASE 8.30 DME 10800, KYACK/I-ASE 7.20 DME 10300, RAFTR/I-ASE 6.00 DME 9800
- MSA FROM:** DBL VOR/DME 020-240 15700, 240-020 13100

QUALITY
10
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 33 NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT C SOUTHWEST OF RWY 15-33.
CHART NOTES: USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS. SPECIAL AIRCREW TRAINING REQUIRED. SPECIAL AIRCRAFT PERFORMANCE REQUIRED. TWO PILOT OPERATION REQUIRED. DUAL VHF NAVIGATION RECEIVERS REQUIRED. MALSF, PAPI, AND MIRL REQUIRED FOR OPERATION AT NIGHT. AIRCRAFT MUST BE CONFIGURED FOR FINAL APPROACH PRIOR TO LIFTT/I-ASE 15.56 DME.
CHART PLANVIEW NOTE: REMAIN WITHIN 13.5 NM OF DBL VOR/DME UNTIL ESTABLISHED ON THE I-PKN NORTHWEST COURSE. BACK COURSE OUTBOUND IS NORMAL SENSING.
CHART SPEED ICON IN PLANVIEW AT WOKUV, IVKEF, AND ZAKOR: MAX 190 KIAS.
CHART PROFILE NOTE: USE I-ASE DME WHEN ON THE LOCALIZER COURSE.
CHART SPEED ICON IN PLANVIEW AT CEYAG: MAX 190 KIAS UNTIL COMPLETION OF MISSED APPROACH TURN.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AJAXX INT ON V108 NORTHWEST BOUND

ADDITIONAL FLIGHT DATA:

CHART EXTENSION OF 4.33 DESCENT ANGLE TO INTERCEPT 3.50 PAPI INSIDE CEYAG.
CHART MANDATORY 14000 AT IVKEF, ZAKOR, AND WOKUV.
CHART DBL R-309 AS LEAD RADIAL FOR ZAKOR TO LIFTT TERMINAL ROUTE.

HOLD SW, LT, 064.17 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW GLENO/22.73 DME, LT, 064.17 INBOUND.
CHART FAS OBST: 8539 TREE (08-026112) 391613N/1065415W.
CHART 9887 TREE (08-026116) 392023N/1065405W, 9274 TREE (08-026359) 391925N/1065443W.
CHART DBL R- AT WOKUV.
CHART DBL R- AT IVKEF.
CHART DBL R- AT ZAKOR.
TIKET TO RW15: 4.33/54.6.

MINIMUMS:

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

ALTERNATE: NA ☐

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
S-LOC 15*	8880	3	1143	8880	3	1143	8880	3	1143		NA				
S-LOC 15	9600	3	1863	9600	3	1863	9600	3	1863		NA				
CIRCLING	9680	3	1842	10280	3	2442	11020	3	3182		NA				



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
ASE	LOC/DME RWY 15	1A	ASPEN	CO

CHANGES - REASONS

1. LINE 4 UPDATE: CHANGED "LIFTT 13600, TIKET 12300, XTREM/I-ASE 8.30 DME 10800, KYACK/I-ASE 7.30 DME 10300, RAFTR/I-ASE 6.00 DME 9700" TO "LIFTT/I-ASE 15.56 DME 13600, TIKET/IASE 11.36 DME 12300, XTREM/I-ASE 7.94 DME 10800, KYACK/I-ASE 7.20 DME 10300, RAFTR/I-ASE 6.00 DME 9800" - NEW OBSTACLE EVALUATION UPDATE IN THE FINAL.
2. LINE OF MINIMUM UPDATE: CHANGED *S-15 LINE OF MINIMA MDA/HAT/VIS 8760/1080/2 3/4 ALL CATS TO 8880/1143/3 - NEW OBSTACLE EVALUATION UPDATE.
3. LINE OF MINIMUM UPDATE: CHANGED S-15 MDA/HAT/VIS ALL CATS FROM 9200/1520/2 3/4 TO 9600/1863/3 - S-15 LINE OF MINIMA RECALCULATION. NEW OBSTACLE EVALUATION UPDATE.
4. LINE OF MINIMUM UPDATE: CIRCLING CAT A MDA/HAA/VIS CHANGED FROM 9520/1683/3 TO 9680/1842/3. CIRCLING CAT B MDA/HAA CHANGED FROM 10020/2183 TO 10280/2442. CIRCLING CAT C MDA/HAA CHANGED FROM 10220/2383 TO 11020/3182 - NEW OBSTACLE EVALUATION UPDATE.
5. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY - NEW TARGETS INOPERATIVE TABLE NOTES EVALUATION UPDATE.
6. CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I, PARA 8-6-9.M.(1).
7. REMOVED INOPERATIVE NOTE "FOR INOPERATIVE MALSF, INCREASE *S-15 ALL CATS VISIBILITY 1/4 MILE" - NEW TARGETS INOPERATIVE TABLE NOTES EVALUATION UPDATE.
8. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 IS NOT CLEAR/20:1 IS CLEAR, IAW 8260.19I PARA 8-6-11K(3).
9. CHANGED MA INSTRUCTION FROM "CLIMB TO 14200 ON I-ASE LOC LOCALIZER COURSE SE (151) TO RAFTR/I-ASE 6.00 DME THEN CLIMBING RIGHT TURN ON HEADING 300 AND ON I-PKN LOC LOCALIZER COURSE NW (123) TO LINDZ/DBL 12.61 DME THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14200" TO "CLIMB TO 14500 ON I-ASE LOC LOCALIZER COURSE SE (151) TO RAFTR/I-ASE 6.00 DME THEN CLIMBING RIGHT TURN ON HEADING 300 AND ON I-PKN NORTHWEST COURSE (303) TO LINDZ INT/DBL 12.61 DME THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14500. *MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 365 FEET PER NM TO 10400." - NEW OBSTACLE EVALUATION UPDATE.
10. REMOVED "CHART NOTE:*MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 330 FEET PER NM TO 10000" - MOVED TO MISSED APPROACH INSTRUCTION PER CURRENT CRITERIA.
11. CHANGED ALTERNATE MA INSTRUCTION FROM "CLIMB TO 14000 ON I-ASE SOUTHEAST LOCALIZER COURSE (151) TO RIKOC/I-ASE 2.34 DME THEN CLIMBING RIGHT TURN ON HEADING 325 AND ON DBL VOR/DME 10 DME ARC CW THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD (MISSED APPROACH REQUIRES MINIMUM CLIMB OF 330' PER NM TO 11100, USE *S-15 LINE OF MINIMA)(REMAIN WITHIN 13.5 NM OF DBL VOR/DME WHILE TRANSITIONING TO THE DBL VOR/DME 10 DME ARC)" TO "CLIMB TO 14500 ON I-ASE SOUTHEAST LOCALIZER COURSE (151) TO RIKOC/I-ASE 2.34 DME THEN CLIMBING RIGHT TURN ON HEADING 325 AND ON DBL VOR/DME 10 DME ARC CW THEN ON DBL VOR/DME R-244 TO GLENO/DBL 22.73 DME AND HOLD. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 365' PER NM TO 10400, USE *S-15 LINE OF MINIMA (REMAIN WITHIN 13.5 NM OF DBL VOR/DME WHILE TRANSITIONING TO THE DBL VOR/DME 10 DME ARC)" - NEW (OIS SURVEY) OBSTACLE EVALUATION UPDATE PER TARGETS RESULTS.
12. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART FAS OBST: 8539 TREE 391613N/1065415W. ADDED CHART FAS OBST: 8539 TREE (08-026112) 391613N/1065415W - CURRENT CRITERIA UPDATE.
13. ADDITIONAL FLIGHT DATA UPDATE: REMOVED "CHART 9579 TREE 391958N/1065423W, CHART 9239 TERRAIN 391836N/1065440W". ADDED 9887 TREE 392023N/1065405W, 9274 TREE 391925N/1065443W" - NEW 7:1 OBSTACLE UPDATE.
14. ADDITIONAL FLIGHT DATA UPDATE: TIKET TO CEYAG CHANGED FROM 4.55 TO 4.33 - NEW FINAL OBSTACLE EVALUATION UPDATE.
15. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART PLANVIEW NOTE AT WOKUV, IVKEF, AND ZAKOR: MAX 190 KIAS" TO "CHART SPEED ICON IN PLANVIEW AT WOKUV, IVKEF, AND ZAKOR: MAX 190 KIAS - PER CURRENT CRITERIA, IAW 19I, PARA 4-6-10.G.
16. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART PLANVIEW NOTE AT CEYAG: MAX 190 KIAS UNTIL COMPLETION OF MISSED APPROACH TURN" TO "CHART SPEED ICON IN PLANVIEW AT CEYAG: MAX 190 KIAS UNTIL COMPLETION OF MISSED APPROACH TURN" - IAW 19I, PARA 4-6-10.G.
17. REMOVED CHART PLANVIEW NOTE AT BULDG: GPS REQUIRED - NO LONGER REQUIRED PER CURRENT CRITERIA.
18. ADDITIONAL FLIGHT DATA UPDATE: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW GLENO/DBL 22.73 DME, LT, 064.17 INBOUND - ALTERNATE MISSED APPROACH CHARTED.
19. CHANGED CHART NOTE FROM "CIRCLING NA AT NIGHT" TO "CIRCLING RWY 33 NA AT NIGHT" - IAW 8260.19I PARA 8-6-11O(2).
20. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART EXTENSION OF 4.55 DESCENT ANGLE TO INTERCEPT 3.50 PAPI INSIDE CEYAG" TO "CHART EXTENSION OF 4.33 DESCENT ANGLE TO INTERCEPT 3.50 PAPI INSIDE CEYAG" - FINAL DESCENT ANGLE CHANGED FROM 4.55 TO 4.33 PER TARGETS RESULTS.
21. ADDED CHART NOTE: CIRCLING NA FOR CAT C SOUTHWEST OF RWY 15-33 - PER CURRENT LOC/DME-E PROCEDURE.
22. PBN REQUIREMENTS NOTE UPDATE: ADDED RNP APCH – GPS. FROM BULDG AND WERNR - IAW 8260.19I, 8-6-8.C.(2).
23. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AJAXX INT ON V108 NORTHWEST BOUND - TURN EXCEEDS 90 DEGREES ON V108.



<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO
<u>SUBMITTED BY</u>		<u>OFFICE</u>	<u>DATE</u>	
<u>FLIGHT CHECKED BY</u> PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION		<u>OFFICE</u>	<u>DATE</u> <i>Digitally signed by</i> ROBERT G HAMILTON Apr 29, 2024	
<u>DEVELOPED BY</u> KWEKU DONKOR	<i>Digitally signed by</i> KWEKU DONKOR Feb 28, 2024	<u>OFFICE</u> AJV-A433	<u>DATE</u> 07/26/2023	
<u>RECOMMENDED BY</u> JOHNNIE BAKER III	<i>Digitally signed by</i> ROBERT G HAMILTON Apr 29, 2024	<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER
<u>APPROVED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>



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

<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>AMDT NO.</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 7838	<u>FACILITY</u> I-ASE
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
BULDG WERNR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	17.24										
<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	383303.00N/1063048.00W	12363	164	98	4E	2000				AT2137	16500
TERRAIN	383303.00N/1063048.00W	12163 (12200)								AS1500	13700

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM TO
WERNR ZAKOR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	11.92										
<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	392803.00N/1065551.00W	11428	164	98	4E	1000				PR325 AT1197	14000
TERRAIN	392803.00N/1065551.00W	11228 (11200)								AS1500	12700

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

AJAXX INT/I-ASE 19.07 DME

TO

LIFTT/I-ASE 15.56 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	3.51										
<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	392900.00N/1065721.00W	11555	164	98	4E	1000				PR375 AT670	13600
TERRAIN	392900.00N/1065721.00W	11355 (11400)								AS1500	12900

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: ARC

FROM

WOKUV/DBL 4.00 DME CCW

TO

IVKEF/DBL 4.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	3.12										
<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	392639.00N/1065412.00W	11884	164	98	4E	1000				PR375 AT741	14000
TERRAIN	392639.00N/1065412.00W	11684 (11700)								AS1500	13200

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: ARC

FROM

IVKEF/DBL 4.00 DME CCW

TO

ZAKOR/DBL 4.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	3.47										
<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	392639.00N/1065412.00W	11884	164	98	4E	1000				PR375 AT741	14000
TERRAIN	392639.00N/1065412.00W	11684 (11700)								AS1500	13200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: ARC

FROM

ZAKOR/DBL 4.00 DME CCW

TO

LIFTT/I-ASE 15.56 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	4.20										
<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	392639.00N/1065412.00W	11884	164	98	4E	1000				PR375 DG341	13600
TERRAIN	392639.00N/1065412.00W	11684 (11700)								AS1500	13200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

LIFTT/I-ASE 15.56 DME

TO

TIKET/I-ASE 11.36 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	4.00										
<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	392758.32N/1065657.45W	11199	50	20	2C	500				PR313 AT288	12300
TERRAIN	392654.00N/1065630.00W	10535 (10500)								AS1500	12000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

TIKET/I-ASE 11.36 DME

TO

XTREM/I-ASE 8.30 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	3.06										
<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>
TREE (08-026118)	392126.36N/1065501.31W	10123	100	50	3D	250				XL67 PR250 AC50 DG60	10800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: STEPDOWN

FROM

XTREM/I-ASE 8.30 DME

TO

KYACK/I-ASE 7.20 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	1.10										
<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>
TREE (08-026359)	391924.97N/1065443.00W	9274	100	50	3D	250				PR250 DG526	10300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

KYACK/I-ASE 7.20 DME

TO

RAFTR/I-ASE 6.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	1.20										
<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>
TERRAIN (08-026114)	391835.36N/1065437.28W	9156 (9156)	100	50	3D	250				AC50 PR250 DG94	9800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC STEPDOWN*

FROM

RAFTR/I-ASE 6.00 DME

TO

CEYAG/I-ASE 4.04 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	1.96		CEYAG/I-ASE 4.04 DME				1143				
<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>
TREE (08-026112)	391613.40N/1065415.25W	8539	50	20	2C	250				SA-142 PR210 AC20	8880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

RAFTR/I-ASE 6.00 DME

TO

CEYAG/I-ASE 4.04 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	1.96		CEYAG/I-ASE 4.04 DME				1863				
<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>
TREE (08-026112)	391613.40N/1065415.25W	8539	50	20	2C	250				SA-142 PR210 MA743	9600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LOC*

FROM

CEYAG/I-ASE 4.04 DME

TO

GLENO/22.73 DME

<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>
TREE (08-036563)	391110.02N/1065449.14W	9853	20	10	1B		ASC				14500
TOWER (08-000264)	392539.60N/1072251.90W	10713	250	50	4D	1000				PR380	12100
TERRAIN	391554.00N/1071036.00W	12880 (12900)								AS1500	14400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM

CEYAG/I-ASE 4.04 DME

TO

GLENO/22.73 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 9443			
<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>
TREE (08-036563)	391110.02N/1065449.14W	9853	20	10	1B		ASC				14500
TOWER (08-000264)	392539.60N/1072251.90W	10713	250	50	4D	1000				PR380	12100
TERRAIN	391554.00N/1071036.00W	12880 (12900)								AS1500	14400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE: LOC*

FROM

CEYAG/I-ASE 4.04 DME

TO

GLENO/22.73 DME

<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>
TREE (08-036563)	391110.02N/1065449.14W	9853	20	10	1B		ASC				14500
TOWER (08-000264)	392539.60N/1072251.90W	10713	250	50	4D	1000				PR380	12100
TERRAIN	391554.00N/1071036.00W	12880 (12900)								AS1500	14400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: LOC

FROM

CEYAG/I-ASE 4.04 DME

TO

GLENO/22.73 DME

<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>
TREE (08-036563)	391110.02N/1065449.14W	9853	20	10	1B		ASC				14500
TOWER (08-000264)	392539.60N/1072251.90W	10713	250	50	4D	1000				PR380	12100
TERRAIN	391554.00N/1071036.00W	12880 (12900)								AS1500	14400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
ASE

PROCEDURE NAME
LOC/DME RWY 15

AMDT NO.
1A

CITY
ASPEN

STATE
CO

AIRPORT ELEVATION
7838

FACILITY
I-ASE

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (08-021369)	391332.88N/1065010.01W	1.50	1842	9366	20	10	1B	300			9680
CATEGORY B											
TREE (08-104352)	391327.02N/1064911.26W	2.19	2442	9962	20	10	1B	300			10280
CATEGORY C											
TREE (08-102759)	390946.65N/1064938.43W	3.55	3182	10701	20	3	1A	300			11020

CIRCLING REMARKS:

MSA

CENTER
DBL VOR/DME

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
020-240	AAO	390703.00N/1062642.00W	120	28.5	14623	215	8	4B	1000			15700
240-020	AAO	395227.00N/1070815.00W	325	28.4	12086	215	8	4B	1000			13100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ASE APP CON, ASE TOWER, ZDV ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	ASE	24	ASE	0.49	Y	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 SETTING NOT PUBLISHED. NO SUITABLE SOURCE AVAILABLE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-ASE	ATCT	TOWER OPEN	1 3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW15 - MALSF (PCL), REILNSTD, MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW33 - REIL (PCL), MIRL (PCL)	NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.50	54.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	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

FINAL TYPE	CIRCLING RWY 33
20:1	
8368 TREE (08-045980) 391154.29N/1065139.27W (270.83)	8354 TREE (08-108133) 391155.36N/1065138.85W (261.33)
8346 TREE (08-045978) 391154.81N/1065138.75W (250.59)	8516 TREE (08-042313) 391118.34N/1065129.57W (235.04)
8331 TREE (08-101948) 391154.36N/1065137.84W (232.21)	8334 TREE (08-037573) 391153.08N/1065138.86W (230.53)
8377 TREE (08-043535) 391144.01N/1065136.43W (227.19)	8315 TREE (08-036798) 391156.39N/1065137.86W (225.86)
8299 TREE (08-047275) 391158.35N/1065139.90W (221.95)	8524 TREE (08-046674) 391114.20N/1065127.89W (221.11)
8511 TREE (08-045765) 391115.24N/1065127.80W (212.92)	8513 TREE (08-110620) 391114.70N/1065127.38W (211.78)



<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>AMDT NO.</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 7838	<u>FACILITY</u> I-ASE
8332 TREE (08-104707) 391149.50N/1065137.73W (210)			8499 TREE (08-039078) 391116.44N/1065128.75W (207.91)			
8489 TREE (08-039073) 391117.94N/1065128.18W (204.24)			8353 TREE (08-102359) 391144.35N/1065135.63W (203.7)			
8285 TREE (08-036812) 391157.71N/1065138.64W (203.19)			8287 TREE (08-047439) 391157.44N/1065137.23W (201.98)			
8354 TREE (08-046453) 391142.91N/1065135.16W (197.23)			8318 TREE (08-069097) 391149.41N/1065137.14W (194.77)			
8288 TREE (08-047360) 391155.05N/1065136.45W (190.57)			8322 TREE (08-043058) 391147.41N/1065135.99W (187.71)			
8352 TREE (08-043468) 391140.95N/1065135.45W (186.33)			8257 TREE (08-046641) 391159.15N/1065138.75W (182.17)			
8460 TREE (08-043559) 391119.18N/1065128.81W (181.99)			8292 TREE (08-106378) 391151.15N/1065138.09W (178.32)			
8255 TREE (08-025974) 391159.08N/1065137.02W (177.47)			8224 TREE (08-036522) 391204.29N/1065141.35W (177.11)			
8293 TREE (08-037148) 391150.35N/1065138.18W (175.65)			8218 TREE (08-037062) 391204.99N/1065141.78W (175.02)			
8466 TREE (08-039145) 391116.65N/1065126.85W (173.3)			8445 TREE (08-046638) 391120.32N/1065129.17W (172.89)			
8312 TREE (08-044678) 391146.22N/1065136.39W (172.61)			8457 TREE (08-110212) 391118.25N/1065127.19W (172.36)			
8319 TREE (08-036847) 391144.95N/1065135.32W (172.12)			8358 TREE (08-044115) 391136.92N/1065134.57W (172.01)			
8208 TREE (08-109095) 391205.61N/1065142.04W (168.31)			8231 TREE (08-108583) 391200.92N/1065140.24W (166.6)			
8276 TREE (08-046519) 391151.92N/1065138.31W (166.28)			8297 TREE (08-102757) 391148.08N/1065135.54W (165.27)			
8257 TREE (08-039162) 391156.03N/1065135.68W (163.17)			8229 TREE (08-039821) 391200.42N/1065139.00W (160.54)			
8262 TREE (08-039061) 391153.96N/1065137.25W (160.5)			8238 TREE (08-047607) 391158.87N/1065137.20W (159.72)			
8355 TREE (08-111074) 391135.14N/1065132.98W (158.39)			8316 TREE (08-039868) 391143.10N/1065133.81W (158.28)			
8298 TREE (08-039142) 391146.35N/1065134.63W (156.82)			8240 TREE (08-071079) 391157.59N/1065135.90W (153.87)			
8274 TREE (08-042167) 391150.78N/1065134.55W (153.72)			8278 TREE (08-109353) 391149.59N/1065134.12W (151.49)			
8307 TREE (08-108392) 391143.34N/1065133.08W (149.42)			8276 TREE (08-047795) 391148.38N/1065136.68W (147.25)			
8259 TREE (08-040071) 391151.27N/1065137.14W (144.59)			8267 TREE (08-042143) 391149.76N/1065134.59W (141.94)			
8348 TREE (08-046598) 391133.12N/1065132.77W (141.52)			8317 TREE (08-105670) 391139.20N/1065134.33W (141.5)			
8317 TREE (08-044498) 391138.91N/1065134.44W (140.27)			8245 TREE (08-068956) 391152.86N/1065135.33W (135.65)			
8241 TREE (08-039239) 391152.91N/1065137.06W (134.26)			8437 TREE (08-046690) 391114.64N/1065126.05W (133.67)			
8321 TREE (08-040786) 391137.08N/1065132.95W (133.55)			8336 TREE (08-068959) 391133.83N/1065131.52W (131.18)			
8425 TREE (08-106071) 391116.15N/1065125.81W (128.51)			8200 TREE (08-036533) 391200.24N/1065136.81W (127.68)			
8440 TREE (08-102393) 391112.09N/1065127.64W (126.76)			8262 TREE (08-044676) 391147.55N/1065133.61W (125.11)			
8254 TREE (08-044726) 391148.74N/1065134.98W (124.63)			8185 TREE (08-044170) 391201.47N/1065138.76W (121.19)			
8184 TREE (08-109590) 391201.44N/1065137.99W (118.99)			8399 TREE (08-044542) 391119.07N/1065127.45W (118.6)			
8173 TREE (08-040908) 391202.93N/1065140.26W (118.17)			8316 TREE (08-045983) 391135.17N/1065131.73W (117.82)			
8257 TREE (08-046273) 391146.66N/1065132.32W (114.13)			8388 TREE (08-105885) 391120.29N/1065126.98W (112.74)			
8170 TREE (08-040800) 391201.79N/1065140.52W (110.11)			8413 TERRAIN (08-039898) 391113.25N/1065126.97W (104.34)			
8236 TREE (08-070806) 391148.71N/1065132.85W (103.57)			8323 TREE (08-103630) 391130.29N/1065132.68W (102.98)			
8415 TERRAIN (08-046146) 391112.34N/1065127.62W (102.92)			8373 TREE (08-037093) 391121.03N/1065128.01W (102.66)			
8142 TREE (08-069099) 391205.83N/1065141.40W (102.48)			8273 TREE (08-046637) 391140.31N/1065133.93W (102.21)			

QUALITY
10
CHECKED

<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>AMDT NO.</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 7838	<u>FACILITY</u> I-ASE
8105 TREE (08-036528) 391212.12N/1065143.17W (97.74)			8213 TREE (08-040029) 391151.93N/1065133.56W (96.82)			
8246 TREE (08-040919) 391144.71N/1065133.84W (95.96)			8182 TREE (08-107611) 391157.84N/1065134.78W (95.52)			
8198 TREE (08-037572) 391154.20N/1065135.47W (95.2)			8374 TREE (08-036998) 391119.56N/1065126.26W (94.3)			
8260 TREE (08-036558) 391141.38N/1065133.63W (93.88)			8303 TREE (08-037527) 391132.26N/1065131.99W (91.38)			
8215 TREE (08-039998) 391150.57N/1065132.79W (91.31)			8396 TREE (08-106845) 391114.26N/1065125.61W (90.27)			
8267 TREE (08-068960) 391139.26N/1065133.08W (90.07)			8246 TREE (08-102967) 391144.14N/1065131.49W (90.04)			
8142 TREE (08-046467) 391203.22N/1065138.55W (86.2)			8132 TREE (08-045422) 391204.87N/1065139.57W (85.42)			
8152 TREE (08-043457) 391201.72N/1065135.75W (85.25)			8215 TREE (08-104111) 391149.40N/1065130.81W (83.05)			
8237 TREE (08-045667) 391144.15N/1065132.71W (82.76)			8342 TRAMWAY (08-105174) 391122.83N/1065129.82W (82.68)			
8138 TREE (08-039905) 391203.58N/1065137.36W (82.28)			8272 TREE (08-045628) 391136.56N/1065131.75W (80.44)			
8346 TERRAIN (08-043485) 391121.26N/1065130.27W (79.85)			8156 TREE (08-070804) 391159.69N/1065135.46W (79.23)			
8343 TREE (08-046458) 391122.24N/1065128.00W (78.39)			8161 TREE (08-044157) 391158.64N/1065134.41W (77.81)			
8308 TERRAIN (08-042930) 391128.03N/1065132.12W (76.49)			8259 TREE (08-108240) 391138.19N/1065132.49W (76.19)			
8367 TREE (08-045652) 391117.16N/1065125.48W (74.84)			8111 TREE (08-110813) 391206.76N/1065140.17W (74.21)			
8337 TREE (08-110454) 391122.50N/1065128.42W (74.2)			8081 TREE (08-026201) 391212.21N/1065142.45W (73.18)			
8359 TREE (08-037383) 391118.39N/1065125.46W (72.65)			8092 TRAMWAY (08-103218) 391209.48N/1065143.37W (72.49)			
8188 TREE (08-046316) 391152.46N/1065131.61W (71.66)			8287 TREE (08-068962) 391131.26N/1065131.69W (70.22)			
8288 TREE (08-045478) 391131.54N/1065129.96W (70.18)			8134 TREE (08-044650) 391201.75N/1065137.38W (69.62)			
8236 TREE (08-106048) 391141.32N/1065132.58W (68.16)			8107 TREE (08-039068) 391206.11N/1065140.05W (66.96)			
8220 TREE (08-039909) 391144.42N/1065131.88W (65.9)			8167 TREE (08-037509) 391154.29N/1065134.04W (62.67)			
8211 TREE (08-041793) 391145.46N/1065132.48W (62.65)			8323 TREE (08-044174) 391123.29N/1065126.52W (61.34)			
8234 TREE (08-071086) 391140.41N/1065131.97W (61)			8095 TREE (08-039087) 391207.14N/1065140.36W (60.27)			
8150 TREE (08-039161) 391156.87N/1065134.93W (59.12)			8296 TERRAIN (08-040948) 391127.33N/1065130.55W (59.02)			
8230 TREE (08-105247) 391141.06N/1065129.80W (57.12)			8085 TREE (08-045510) 391208.11N/1065140.73W (55.38)			
8105 TREE (08-070946) 391204.61N/1065137.42W (54.24)			8282 TERRAIN (08-043049) 391128.79N/1065131.26W (52.92)			
8298 TERRAIN (08-047391) 391125.12N/1065131.05W (51.23)			8320 TREE (08-070945) 391121.74N/1065126.66W (51.18)			
8287 TERRAIN (08-111207) 391127.49N/1065130.20W (50.3)			8349 TREE (08-070943) 391115.81N/1065125.06W (49.87)			
8065 TRAMWAY (08-101950) 391210.51N/1065142.89W (49.72)			8161 TREE (08-046379) 391153.78N/1065130.47W (49.36)			
8292 TERRAIN (08-068961) 391126.10N/1065130.28W (48.82)			8225 TREE (08-070572) 391140.45N/1065129.33W (48.58)			
8212 TREE (08-071088) 391142.09N/1065132.56W (47.78)			8247 TREE (08-046594) 391135.01N/1065130.22W (46)			
8226 TREE (08-107855) 391139.15N/1065130.95W (45.63)			8224 TREE (08-037380) 391139.05N/1065131.33W (43.68)			
8075 TERRAIN (08-108646) 391207.16N/1065142.70W (43.57)			8174 TREE (08-036630) 391149.48N/1065130.87W (42.52)			
8114 TREE (08-036708) 391200.70N/1065135.57W (42.17)			8296 TERRAIN (08-043514) 391123.64N/1065130.93W (42.04)			
8223 TREE (08-042277) 391139.68N/1065128.45W (41.72)			8197 TREE (08-046716) 391143.47N/1065131.38W (37.71)			
8104 TREE (08-102784) 391201.99N/1065134.71W (37.11)			8135 TREE (08-041130) 391155.59N/1065134.16W (37)			

<u>AIRPORT ID</u> ASE	<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>AMDT NO.</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 7838	<u>FACILITY</u> I-ASE
8148 TREE (08-110472) 391153.46N/1065131.85W (36.73)			8262 TREE (08-042242) 391130.49N/1065127.26W (35.5)			
8313 TREE (08-047516) 391120.32N/1065125.05W (35.24)			8201 TREE (08-104506) 391142.41N/1065130.32W (35.23)			
8173 TREE (08-040005) 391147.73N/1065131.54W (34.13)			8188 TREE (08-046836) 391144.70N/1065130.51W (33.35)			
8257 TERRAIN (08-046381) 391129.80N/1065131.24W (32.68)			8292 TERRAIN (08-046791) 391122.74N/1065130.06W (32.58)			
8282 TERRAIN (08-107520) 391124.90N/1065129.13W (31.55)			8289 TRAMWAY (08-103614) 391123.78N/1065127.58W (31.12)			
8202 TREE (08-047314) 391141.15N/1065130.63W (30.68)			8280 TERRAIN (08-040920) 391125.08N/1065128.87W (30.05)			
8061 TERRAIN (08-039798) 391207.18N/1065142.11W (28.86)			8050 TERRAIN (08-046633) 391209.14N/1065143.10W (28.51)			
8103 TREE (08-047274) 391200.32N/1065134.89W (28.43)			8262 TERRAIN (08-043622) 391128.34N/1065129.45W (28.31)			
8218 TREE (08-107294) 391137.72N/1065128.53W (27.54)			8240 TREE (08-044183) 391132.52N/1065130.42W (27.46)			
8065 TREE (08-045357) 391206.99N/1065138.65W (27.22)			8226 TREE (08-108692) 391135.51N/1065129.70W (26.66)			
8308 TREE (08-037381) 391119.40N/1065124.12W (24.61)			8338 TERRAIN (08-037456) 391112.19N/1065126.32W (23.42)			
8039 TERRAIN (08-065384) 391210.26N/1065143.54W (23.42)			8261 TERRAIN (08-039144) 391127.61N/1065128.57W (22.64)			
8315 TREE (08-044121) 391117.41N/1065124.11W (22.15)			8101 TREE (08-046544) 391159.47N/1065134.46W (21.81)			
8239 TREE (08-039241) 391131.83N/1065129.03W (21.28)			8072 TREE (08-103870) 391204.89N/1065136.37W (21.13)			
8264 TERRAIN (08-041797) 391126.57N/1065128.78W (20.99)			8151 TREE (08-070311) 391149.89N/1065130.42W (20.84)			
8008 TERRAIN (08-102607) 391215.87N/1065144.78W (20.73)			8184 TREE (08-070803) 391142.33N/1065131.12W (18.95)			
8205 TREE (08-040787) 391138.02N/1065129.51W (17.3)			8244 TERRAIN (08-109441) 391129.34N/1065129.92W (15.69)			
8286 TREE (08-040819) 391121.73N/1065125.40W (15.41)			8015 TERRAIN (08-045253) 391213.35N/1065144.10W (14.84)			
8126 TREE (08-036970) 391153.39N/1065132.00W (14.61)			8201 TERRAIN (08-047441) 391137.66N/1065131.69W (14.58)			
8034 TREE (08-039112) 391209.96N/1065141.24W (13.85)			8075 TREE (08-047835) 391202.72N/1065136.34W (13.8)			
8080 TREE (08-041053) 391202.06N/1065134.62W (13.32)			7988 POLE (08-039066) 391218.20N/1065145.51W (12.78)			
8112 TREE (08-041132) 391156.09N/1065131.11W (12.19)			8038 TERRAIN (08-037517) 391208.46N/1065142.10W (11.91)			
8208 TREE (08-105855) 391136.28N/1065128.12W (10.14)			8314 TREE (08-070798) 391115.01N/1065123.95W (9.55)			
8293 TREE (08-109166) 391119.57N/1065123.35W (9.36)			8265 TREE (08-037131) 391124.39N/1065127.02W (9.24)			
8128 TREE (08-110722) 391152.22N/1065130.34W (8.79)			8113 TREE (08-107079) 391154.77N/1065132.39W (8.69)			
8303 TREE (08-104963) 391117.15N/1065123.28W (7.78)			8265 TERRAIN (08-040837) 391123.48N/1065128.34W (6.74)			
8035 TREE (08-103147) 391208.75N/1065139.26W (6.4)			8076 TREE (08-042305) 391201.32N/1065135.03W (6.37)			
8215 TREE (08-105856) 391133.67N/1065129.25W (6.31)			8196 TREE (08-107174) 391138.40N/1065126.40W (5.84)			
8315 TERRAIN (08-047519) 391113.55N/1065125.33W (5.52)			8015 TRAMWAY (08-110858) 391211.98N/1065141.69W (5.05)			
8093 TREE (08-046666) 391157.48N/1065133.74W (3.39)			7978 POLE (08-022088) 391218.32N/1065145.52W (3.36)			
8044 TREE (08-102697) 391206.58N/1065137.79W (3.09)			8182 TREE (08-043574) 391139.57N/1065130.22W (2.62)			
8190 TREE (08-036644) 391138.41N/1065128.14W (2.27)			8111 TREE (08-046528) 391154.21N/1065130.67W (1.68)			
8119 TREE (08-046708) 391152.37N/1065131.20W (1.67)			8078 TREE (08-037535) 391200.58N/1065132.66W (1.61)			
8106 TREE (08-046516) 391155.07N/1065131.24W (1.53)			8148 TREE (08-036848) 391146.24N/1065130.85W (1.12)			
8163 TREE (08-039116) 391143.66N/1065128.44W (0.58)			7981 TREE (08-043940) 391217.59N/1065143.59W (0.25)			

QUALITY
10
CHECKED

<u>AIRPORT ID</u> ASE		<u>PROCEDURE NAME</u> LOC/DME RWY 15	<u>AMDT NO.</u> 1A	<u>CITY</u> ASPEN	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 7838	<u>FACILITY</u> I-ASE
FINAL TYPE	S-LOC						
34:1							
9156 TERRAIN (08-026114) 391835.36N/1065437.28W (593.93)				9076 TREE (08-026115) 391832.18N/1065456.22W (507.54)			
9014 VEGETATION (08-026113) 391830.16N/1065454.64W (452.45)				8183 TREE (08-106571) 391621.67N/1065407.70W (17.68)			
8148 TERRAIN (08-043294) 391611.42N/1065400.26W (17.26)				8159 TREE (08-044177) 391618.54N/1065355.15W (12.52)			
8157 TREE (08-105959) 391618.20N/1065354.38W (12.09)				8152 TREE (08-101984) 391614.84N/1065401.88W (10.42)			
<u>PENETRATIONS REMARKS:</u>							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - THE VDP IS NOT PUBLISHABLE BECAUSE: VDP IS LOCATED BEFORE FINAL FIX, VDP IS LOCATED WITHIN 0.5 NM FROM FINAL FIX.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100' VEGETATION USED PER PREVIOUSLY PUBLISHED PROCEDURES AT THIS AIRPORT.

THIS PROCEDURE OVERLIES PRECIPITOUS TERRAIN AND CONTAINS AN ARC WITH A SMALLER THAN STANDARD RADIUS, A SPEED RESTRICTION, AND HIGHER THAN ALLOWABLE DESCENT GRADIENT CONNECTING TO A LOCALIZER INTERMEDIATE THAT IS CONSTRUCTED SHORTER AND NARROWER THAN STANDARD. THE FINAL APPROACH SEGMENT CONTAINS A HIGHER THAN ALLOWABLE DESCENT GRADIENT AND IS FOLLOWED BY A MISSED APPROACH THAT REQUIRES A CLIMB GRADIENT AND IS CONSTRUCTED NARROWER THAN ALLOWED BY CRITERIA. DURING TELECONS ON 15 MARCH 2012, 29 MARCH 2012, AND 12 APRIL 2012, ANM AWO VALIDATED THE NECESSITY AND SAFETY OF THE DESIGN OF THIS APPROACH CITING OPERATOR TRAINING, CURRENCY, AND PERFORMANCE REQUIREMENTS AS AN EQUIVALENT LEVEL OF SAFETY.

SEE WAIVERS.
ORDER 8260.3 CHAPTER 2 APPLIED TO 9274 TREE (08-026359) 391924.97N/1065443.00W.
ORDER 8260.3 CHAPTER 2 APPLIED TO 9887 TREE (08-026116) 392023.23N/1065405.11W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	7.12
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.75
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	159.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	9900
DISTANCE FROM	THLD	TO 1500FT POINT	8.12
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.97
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	159.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	9900

THRESHOLD COORDINATES (IF STR-IN)	391355.83N/1065223.33W
ARP COORDINATES	391318.76N/1065205.64W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 33 DISTANCE 1.32 NM
FAF COORDINATES	392314.38N/1065650.64W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
KWEKU DONKOR	AJV-A433	07/26/2023	AERONAUTICAL INFORMATION SPECIALIST

