

**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</u> TED STEVENS ANCHORAGE INTL	<u>AIRPORT ID</u> PANC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 151	<u>TDZE</u> 151	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 16E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 10/10/2019	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
IVANN	IAF	CARDD		TF	FB	1.00	075.12	13.24	3000
TAGER	IAF	CARDD		TF	FB	1.00	134.62	20.31	3000
BGQ VORTAC	IAF	CARDD		TF	FB	1.00	184.39	12.27	3000
CARDD	IF	KANSY		TF	FB	1.00	148.78	7.04	1600
KANSY	FAF	RW15	MAP	TF	FO	0.30	148.84	4.09	
RW15	MAP	351 MSL		CA			148.84		
351 MSL		ZUXAN		DF	FB	1.00			
ZUXAN		JUKEP		TF	FO	1.00	229.35	12.52	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZUXAN AND ON TRACK 229.35 TO JUKEP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT CARDD				
3. FAC:	148.84	FAF: KANSY	DIST FAF TO MAP: 4.09	DIST FAF TO THLD: 4.09	
4. MIN ALT:	CARDD 3000, KANSY 1600				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.41	GS ANT:
6. MIN GP INCPT: 1600	GP ALT AT FAF : KANSY 1600			OM:	MM: IM:
7. GP ANGLE: 3.20	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 60.0		
8. MSA FROM:	RW15 8700				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC ON V438-456 NORTHBOUND AND T227 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IVANN ON V440 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAGER ON V436 NORTHWEST.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.80 NM TO RW15*
*LNAV ONLY
WAAS CHANNEL #90115
REFERENCE PATH ID: W15A
FAS OBST: 300 AAO 611520N/1500129W.
310 AAO 611546N/1500202W.
HOLD NE, RT, 210.00 INBOUND
LTP HAE: 52.1 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2

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	351	4000	200	351	4000	200	401	4000	250	401	4000	250			
LNAV/VNAV DA	404	4000	253	404	4000	253	404	4000	253	404	4000	253			
LNAV MDA	600	4000	449	600	4000	449	600	6000	449	600	6000	449			
CIRCLING	700	1	549	700	1	549	800	1 3/4	649	920	2 1/2	769			

CHANGES - REASONS

1. DISTANCE FROM PFAF TO THLD CHANGED FROM 4.1 TO 4.09 - PFAF MOVED.
2. DECREASED LPV DA/HAT CATS A/B FROM 418/267 TO 351/200, DECREASED LPV DA/HAT CATS C/D FROM 418/467 TO 401/250, INCREASED LNAV/VNAV DA/HAT ALL CATS FROM 401/250 TO 404/253, INCREASED LNAV MDA/HAA ALL CATS FROM 500/349 TO 600/449 - CURRENT OBSTACLES.
3. CHANGED LNAV CAT C/D VISIBILITY FROM 4500 TO 6000 - HIGHER MDA/HAA DUE TO NEW OBSTACLE.
4. INCREASED CIRCLING CAT C MDA/HAA/VISIBILITY FROM 700/549/1 1/2 TO 800/649/1 3/4, INCREASED CIRCLING CAT D MDA/HAA/VISIBILITY FROM 800/649/2 TO 920/769/2 1/2 - CURRENT OBSTACLES AND APPLIED NEW CIRCLING CRITERIA.
5. ADDED CHART NOTE "CHART CIRCLING ICON" - NEW CIRCLING CRITERIA APPLIED.
6. ADDED PBN EQUIPMENT REQUIREMENTS NOTE "RNP APCH" - IAW 8260.19H, PARAGRAPH 8-6-8.B(1).
7. CHANGED LINE 8 MSA FROM 8900 TO 8700- NEW CONTROLLING OBSTACLE.
8. CHANGED FINAL COURSE FROM "148.85" TO "148.84" - NEW LTP AND PFAF LOCATION.
9. CHANGED "CHART NOTE: FOR INOPERATIVE ODAL, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, AND LNAV CAT C/D VISIBILITY TO RVR 5500" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM" - CURRENT 8260.3D CRITERIA.
10. CHANGED LINE 3, DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.10 TO 4.09 - NEW PFAF LOCATION.
11. CHANGED CHART NOTE "CHART VDP AT 0.81 NM TO RW15" TO "CHART VDP AT 0.80 NM TO RW15" - LTP/FTP LAT/LONG CHANGED.
12. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC ON V438-456 NORTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC ON V438-456 NORTHBOUND AND T227 NORTHEAST BOUND" - CORRECTED TO AVOID ALL TURNS GREATER THAN 120 DEGREES.
13. CHANGED MISSED APPROACH ALTITUDE FROM 2500 TO 3000 - ATC REQUEST.
14. ADDITIONAL FLIGHT DATA UPDATED "LTP HAE: 51.9" TO "LTP HAE: 52.1M" - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00519 TO +00521.
15. FAS DATA CRC REMAINDER CHANGED FROM E1C44744 TO 6A71FE76- LTP/FTP LAT/LONG CHANGED FROM 611158.0700N/1500051.7700W TO 611159.0295N/1500052.3095W AND LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00519 TO +00521, FPAP LAT/LONG CHANGED FROM 611015.7800N/1495954.5300W TO 611015.75N/1495954.49W, AND TCH CHANGED FROM 58 TO 60.
16. REMOVED CHART NOTE DME/DME RNP-0.3 NA - IAW 8260.19H, PARAGRAPH 8-6-8.B(1).
17. REMOVED CHART NOTE "RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" - NO 20:1 OR 34:1 PENETRATIONS EXIST.
18. REMOVED FAHRENHEIT VALUE FROM BARO-VNAV NOTE AND CHANGED LOW TEMP FROM -25C TO -21C - IAW 8260.19H, 8-6-9.S.
19. CHANGED MISSED HOLDING ALTITUDE FROM 2500 TO 3000 - ATC REQUEST.
20. CHANGED 34:1 IS NOT CLEAR TO 34:1 IS CLEAR, ADDED 20:1 IS CLEAR -IAW 8260.19H.
21. UPDATED DIST HAT TO THLD FROM 250 HAT: 0.57 TO 200 HAT: 0.41 - LOWERED HAT.
22. CHANGED TCH FROM 58 TO 60 - DESIGN TCH UPDATED IN AIRNAV.
23. CHANGED CHART NOTE FROM "INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV" TO "... DOES NOT APPLY TO LPV, LNAV/VNAV" - RE-RAN VIS CHECK FOR LPV WITH NEW TCH AND DA/HAT.
24. FAS OBST CHANGED FROM 243' TREE TO 300' AAO - MAP STUDY INDICATES 300' AAO AS CONTROLLING OBSTACLE.
25. CA ALTITUDE CHANGED FROM 401 TO 351 - LOWEST HAT CHANGED FROM 401 TO 351.
26. CHANGED 7:1 OBSTACLE LISTED IN ADDITIONAL FLIGHT DATA FROM 310 AAO 611548N/1500158W TO 310 AAO 611546N/1500202W - UPDATED LOCATION FOUND IN MAP STUDY.



COORDINATED WITH:

~~A4A~~



~~ALPA~~



~~AOPA~~



~~APA~~



~~HAI~~



~~NBAA~~



OTHER:

ZAN, AMGR, ALASKA DOT, ANC APP CON, ANC ATCT

FLIGHT CHECKED BY

PENDING

Digitally signed by

DAVID DANNER

Aug 09, 2019

OFFICE

DATE

DEVELOPED BY

DAVID DANNER (DALE SICKELS)

Digitally signed by

DAVID DANNER

Aug 09, 2019

OFFICE

AJV-A421

DATE

05/07/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

Aug 09, 2019

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PANC
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	611159.0295N
LTP/FTP LONGITUDE	1500052.3095W
LTP/FTP ELLIPSOIDAL HEIGHT	+00521
FPAP LATITUDE	611015.7500N
FPAP LONGITUDE	1495954.4900W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.20
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	6A71FE76

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00461
FPAP ORTHOMETRIC HEIGHT	+00461



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

<u>AIRPORT</u>	<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>
TED STEVENS ANCHORAGE INTL	PANC	RNAV (GPS) RWY 15	3	ANCHORAGE	AK	151	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
IVANN

TO
CARDD

<u>RNP</u>	<u>DISTANCE</u> 13.24	<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>
1.AAO	612321.00N/1500312.00W		414	164	98	4E	1000				AT1586	3000
2.TERRAIN	612415.00N/1500424.00W		170 (200)								AS1500	1700

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:

INITIAL

FROM
TAGER

TO
CARDD

<u>RNP</u>	<u>DISTANCE</u> 20.31	<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>
3.AAO	613912.00N/1502448.00W	492	164	98	4E	1000				AT1508	3000
4.TERRAIN	613912.00N/1502448.00W	292 (300)								AS1500	1800

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:



INITIAL

FROM

BGQ VORTAC

TO

CARDD

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	12.27											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
5.AAO	613121.00N/1495906.00W	542	164	98	4E	1000				AT1458	3000	
6.TERRAIN	613121.00N/1495906.00W	342 (300)								AS1500	1800	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

CARDD

TO

KANSY

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	7.04											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
7.TOWER (02-000441)	612017.01N/1500211.00W	497	500	50	5D	500				AT603	1600	
8.TERRAIN	612233.00N/1500200.00W	252 (300)								AS1000	1300	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY
RNAV



FINAL: LNAV

FROM

KANSY

TO

RW15

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.09		RW15			449						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.AAO	611519.55N/1500129.40W		300	250	50	4D	250				AC50	600

COMPUTATIONS

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

MISSED APPROACH : LPV

FROM

DA

TO

JUKEP

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
							177					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
11.AAO	605815.00N/1501936.00W		460	164	98	4E	1000					1500
12.TERRAIN	610833.00N/1500106.00W		301 (300)								AS1500	1800

COMPUTATIONS

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

LPV - 177 HMAS FOR CATS A/B, 205 HMAS FOR CATS C/D.
MISSED APPROACH TERMINATION FIX PER ATC REQUEST.



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
JUKEP

RNP	DISTANCE	PAT	MAP	HAT			HMAS 243					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
11.AAO	605815.00N/1501936.00W		460	164	98	4E	1000					1500
12.TERRAIN	610833.00N/1500106.00W		301 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
MISSED APPROACH TERMINATION FIX PER ATC REQUEST.

MISSED APPROACH : LNAV

FROM
RW15

TO
JUKEP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 400					
<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
11.AAO	605815.00N/1501936.00W		460	164	98	4E	1000					1500
12.TERRAIN	610833.00N/1500106.00W		301 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
MISSED APPROACH TERMINATION FIX PER ATC REQUEST.



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											
13.NAVAID (02-020897)	610923.45N/1500224.34W	1.30	549	397	20	10	1B	300			700
CATEGORY B											
13.NAVAID (02-020897)	610923.45N/1500224.34W	1.81	549	397	20	10	1B	300			700
CATEGORY C											
14.TOWER (02-000020)	611131.47N/1495408.48W	2.84	649	495	20	3	1A	300			800
CATEGORY D											
15.TOWER (02-000076)	610956.08N/1494943.14W	3.71	769	557	50	50	2D	300		AC50	920

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW15	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	611427.00N/1490206.00W	069	28.5	7684	164	98	4E	1000			8700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT USED, ATC REQUEST



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAN ARTCC, ANC APP CON, ANC TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> PANC	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PANC	<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:
BACK UP ALTIMETER NOT PUBLISHED, REDUNDANT WEATHER SOURCES AVAILABLE.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07L - TDZ, MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH
RW07R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R, TAXI WAY	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW15 - HIRL, C/LINE, ODALS, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW25L - HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW25R - HIRL, C/LINE, PAPI-4L	PIR-G	ROLL OUT
RW33 - HIRL, REIL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.20	<u>ELEV RWY THRESHOLD</u> 151.3	<u>TCH</u> 60.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.20	<u>TCH</u> 75.0
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -21C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -21C	<u>APT ISA</u> +14.7C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2014-2018). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1021 HIGH TEMP 1263.

"VISUAL PORTION OF FINAL" PENETRATIONS



<u>AIRPORT</u>	<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>
TED STEVENS ANCHORAGE INTL	PANC	RNAV (GPS) RWY 15	3	ANCHORAGE	AK	151	RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 310 AAO 611546.12N/1500201.86W.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> TED STEVENS ANCHORAGE INTL	<u>AIRPORT ID</u> PANC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>AMDT NO.</u> 3	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 151	<u>FACILITY</u> RNAV
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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	2.91
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	164.84
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	8.73
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	164.78
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD
COORDINATES
(IF STR-IN)

611159.03N/1500052.31W

ARP COORDINATES

611026.71N/1495953.30W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 15 DISTANCE 1.61 NM

FAF
COORDINATES

611555.11N/1500304.89W

FIX NAME
COORDINATES

REMARKS

QUALITY
24
CHECKED

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<u>AIRPORT</u> TED STEVENS ANCHORAGE INTL	<u>AIRPORT ID</u> PANC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>AMDT NO.</u> 3	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 151	<u>FACILITY</u> RNAV
PART E: PREPARED BY							
<u>NAME</u> DAVID DANNER (DALE SICKELS)			<u>OFFICE</u> AJV-A421		<u>DATE</u> 05/07/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST	

QUALITY
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CHECKED

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