

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
KROTO (RNAV)	FOUR	KROTO.KROTO4	THREE	10/15/2015	01 FEB 2018

THIS IS A CORRECTED COPY OF A PROCEDURE PREVIOUSLY PUBLISHED IN NFDD 231.

TRANSITION ROUTES:

<u>Transition Name</u>	<u>Transition Computer Code</u>	<u>From FIX/NAVAID</u>	<u>To FIX/NAVAID</u>	<u>Course</u>	<u>Distance</u>	<u>MEA</u>	<u>MOCA</u>	<u>MAA</u>	<u>Crossing Altitude/Fixes</u>
GULKANA	GKN.KROTO4	GKN VOR/DME	GKN VOR/DME						
			IRONC	264.11	103.03	FL180	9700		
			TKA VOR/DME	241.58	29.32	8100	8100		
			KROTO	172.65	36.62	3900	3900		AT/ABOVE 9000
KKYLE	KKYLE.KROTO4	KKYLE	KKYLE						
			AKMAX	123.17	58.07	11000			
			ROHHN	124.36	37.28	6000	5200		
			KROTO	087.94	19.87	4400	3600		AT/ABOVE 9000
PUYVO	PUYVO.KROTO4	PUYVO	PUYVO						
			AILEE	175.64	27.98	11000	8200		
			TKA VOR/DME	175.44	79.84	11000	10100		
			KROTO	172.65	36.63	3900	3900		AT/ABOVE 9000
WINOR	WINOR.KROTO4	WINOR	WINOR						
			FFITZ	106.82	37.69	8800	8200		



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KROTO (RNAV)	FOUR	KROTO.KROTO4	THREE	10/15/2015	01 FEB 2018
	ROHHN	095.42	58.73	8800	
	KROTO	087.94	19.87	4400 3600	AT/ABOVE 9000

ARRIVAL ROUTE DESCRIPTION:

LANDING RWY 07R/L: FROM KROTO ON TRACK 160.87/23.63 TO CROSS NHCOL AT 5000 AND AT/BELOW 240 KIAS (MEA 2700), THEN ON TRACK 187.91/4.52 TO ASLEE (MEA 2700/MOCA 1300), THEN ON TRACK 253.71/6.70 TO CROSS CULEN AT 4000 (MEA 2700/MOCA 1300), THEN ON TRACK 253.71. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 15: FROM KROTO ON TRACK 148.76/12.52 TO CROSS TOMMM AT OR ABOVE 5000 (MEA 1700), THEN ON TRACK 148.39/7.34 TO CROSS CARDD AT 3000 (MEA 1700/MOCA 1500). EXPECT ILS RWY 15.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART LOCALIZERS: I-ANC, I-BSC, I-TGN

COMMUNICATIONS:

ANCHORAGE APP CON.

ATIS.

AIRPORTS SERVED:

AIRPORT NAME	CITY	STATE
TED STEVENS ANCHORAGE INTL	ANCHORAGE	AK

LOST COMMUNICATIONS PREFERENCES:

Runways 7R/L: After CULEN, turn left heading 165 to intercept either the RWY 7L localizer or the RWY 7R localizer, cleared either ILS or LOC/DME RWY 7L or ILS or LOC/DME RWY 7R approach.

Runway 15: After CARDD, intercept RWY 15 localizer, cleared ILS RWY 15 approach.

REMARKS:

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED.



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KROTO (RNAV)	FOUR	KROTO.KROTO4	THREE	10/15/2015	01 FEB 2018

REFERENCE MAGNETIC VARIATION = PANC 16E/2020.
DO NOT CHART MOCAS.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED, ROBERT STUCKERT, MANAGER

ORGANIZATION:

AJW-331

DATE:

07/31/2015

*Digitally signed by*Flight Inspected Signature: **VICTOR B NASO**

Nov 21, 2017

DEVELOPED BY:*Digitally signed by***BRYAN W BLUE**

BRYAN W BLUE

Nov 13, 2017

AJV-5411

07/27/2017

Developed By Signature:

APPROVED BY:*Digitally signed by***CASIMIR L TABAKA**

GEORGE DAVIS

Nov 21, 2017

AJV-5410

Approved By Signature:

CHANGES:

1. CHANGED AIRPORT MAGVAR FROM 18E/2020 TO 16E/2020.
2. CHANGED ALL HEADINGS, COURSES, AND TRACKS +2 DEGREES.
3. CHANGED RECOMMENDED NAVAID ON 17.2 FROM JOH VOR/DME TO AKN VORTAC.
4. CORRECTED MEA TKA-KROTO FROM 3600 TO 3900.

REASONS:

1. AIRPORT CAT II/III MAGVAR UPDATE INITIATIVE.
2. AIRPORT MAGVAR UPDATED FROM 18E/2020 TO 16E/2020.
3. TO MAINTAIN SAME MAGVAR AS AIRPORT.
4. MOCA IS 3900.

12/06/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/17/17.

1. ON PAGE 1 OF 5 OF THE 8260-17.1, TRANSITION ROUTES: PUYVO TO KROTO, CHANGED MEA AT KROTO FROM 3600 TO 3900.

**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name					Number		STAR Computer Code		Superseded Number		Dated	Effective Date	
KROTO (RNAV)					FOUR		KROTO.KROTO4		THREE		10/15/2015	01 FEB 2018	
FIX/NAVAID		LAT/LONG		C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE		SPEED		REMARKS
EN Route Transition													
GKN VOR/DME		620913.51N / 1452650.51W		Y		IF					GKN.KROTO4		
IRONC		622425.02N / 1490458.84W		Y	FB	TF	280.11	103.03					
TKA VOR/DME		621754.16N/1500618.90W		Y	FB	TF	257.58	29.32					
KROTO		614147.85N / 1501752.99W		Y	FB	TF	188.65	36.62	AT/ABOVE 9000		AT 250K		
En Route Transition													
KKYLE		625939.41N / 1530938.84W		Y		IF					KKYLE.KROTO4		
AKMAX		621527.05N / 1514826.77W		Y	FB	TF	139.17	58.07					
ROHHN		614640.29N / 1505822.50W		Y	FB	TF	140.36	37.28					
KROTO		614147.85N / 1501752.99W		Y	FB	TF	103.94	19.87	AT/ABOVE 9000		AT 250K		
En Route Transition													
PUYVO		640319.80N/1491945.00W		Y		IF					PUYVO.KROTO4		
AILEE		633600.04N/1493223.46W		Y	FB	TF	191.64	27.98					
TKA VOR/DME		621754.16N/1500620.13W		Y	FB	TF	191.44	79.84					
KROTO		614147.85N/1501752.99W		Y	FB	TF	188.65	36.63	AT/ABOVE 9000		AT 250K		

QUALITY

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KROTO (RNAV)					FOUR		KROTO.KROTO4		THREE		10/15/2015	01 FEB 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS		
En Route Transition												
WINOR	622930.27N/1540100.06W	Y		IF						WINOR.KROTO4		
FFITZ	620851.79N/1525329.55W	Y	FB	TF	122.82	37.69						
ROHHN	614640.29N/1505822.50W	Y	FB	TF	111.42	58.73						
KROTO	614147.85N/1501752.99W	Y	FB	TF	103.94	19.87	AT/ABOVE 9000	AT 250K				
Runway Transition												
KROTO	614147.85N/1501752.99W	Y		IF			AT/ABOVE 9000	AT 250K				
NHCOL	611815.88N/1501512.19W	Y	FB	TF	176.87	23.63	AT 5000	AT/BELOW 240K				
ASLEE	611408.40N/1501859.82W	Y	FB	TF	203.91	04.52						
CULEN	611405.68N/1503251.74W	Y	FO	TF	269.71	06.70	AT 4000					
PANC:RWY 07L, RWY 07R					FM	269.71				RECOMMENDED NAVAID: AKN VORTAC		
Runway Transition												
KROTO	614147.85N/1501752.99W	Y		IF			AT/ABOVE 9000	AT 250K				
TOMMM	612945.00N/1501101.00W	Y	FB	TF	164.76	12.52	AT/ABOVE 5000					
CARDD	612241.93N/1500654.71W	Y	FB	TF	164.39	07.34	AT 3000					

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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PANC: RWY 15

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