

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> STERLING MUNI	<u>AIRPORT ID</u> KSTK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> STERLING	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 4038	<u>TDZE</u> 4038	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<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>
SNY VOR/DME		KUBRE		TF	FB	1.00	206.81	16.00	8000
TUMBL		ZETAX		TF	FO	1.00	016.37	26.10	7500
KUBRE	IAF	ZETAX	NOPT	TF	FB	1.00	240.46	8.19	7500
ZETAX	IF/IAF	JUDNI		TF	FB	1.00	154.71	7.50	5800
JUDNI	FAF	JORAL/2.60 NM TO RW15		TF	FB	0.30	154.72	2.80	
JORAL/2.60 NM TO RW15		RW15	MAP	TF	FO	0.30	154.72	2.60	
RW15	MAP	4288 MSL		CA			154.72		
4288 MSL		ANUCE		DF	FO	1.00			6400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6400 DIRECT ANUCE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW ZETAX, RT, 154.71 INBOUND, 7500 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 154.72 FAF: JUDNI DIST FAF TO MAP: 5.40 DIST FAF TO THLD: 5.40
4. MIN ALT: ZETAX 7500, JUDNI 5800, JORAL/2.60 NM TO RW15 4900*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.65 GS ANT: MM: IM:
6. MIN GP INCPT: 5800 GP ALT AT FAF : JUDNI 5800 OM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 44.0
8. MSA FROM: RW15 6700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.
CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TUMBL ON V132 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SNY VOR/DME AIRWAY RADIALS 176 CW 278.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.25 NM TO RW15*
*LNAV ONLY
WAAS CHANNEL #56330
REFERENCE PATH ID: W15A
CHART FAS OBST: 4269 TREE 403905N/1031740W.
HOLD SE, RT, 334.78 INBOUND
LTP HAE: 1211 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	4288	1	250	4288	1	250	4288	1	250	4288	1	250			
LNAV/VNAV DA	4288	1	250	4288	1	250	4288	1	250	4288	1	250			
LNAV MDA	4480	1	442	4480	1	442	4480	1 3/8	442	4480	1 3/8	442			
CIRCLING	4520	1	482	4580	1	542	4620	1 1/2	582	4720	2 1/4	682			



CHANGES - REASONS

1. REMOVED DME/DME RNP -0.3 NA - NO LONGER REQUIRED.
2. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H 8-6-8.B.(1).
3. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - EXPANDED CIRCLING IMPLEMENTED.
4. ADDED "MAX 14000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7.B(2).
5. ADDED "20:1 IS CLEAR" TO LINE 7 - THERE ARE NO 20:1 PENETRATIONS TO RWY 15.
6. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 52C (126F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 54C" - REMOVED FAHRENHEIT IAW 8260.19H 8-6-9.S, UPDATED CRITICAL HIGH TEMP BASED ON TARGETS BUILD.
7. DELETED NOTE "WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT" - THERE ARE NO 20:1 PENETRATIONS TO RWY 15.
8. ADDED "CHART VDP AT 1.25 NM TO RW15* *LNAV ONLY" - THERE ARE NO 20:1 PENETRATIONS TO RWY 15.
9. ADDED "CAT D 800-2 1/4" TO ALTERNATE MINIMUMS - NON STANDARD MINIMUMS.
10. CHANGED HELICOPTER VISIBILITY NOTE FROM "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H 8-6-11.K(3).
11. ADDED "CHART NOTE: CIRCLING NA TO RWYS 4 AND 22" - CIRCLING NOT AUTHORIZED TO TURF RUNWAYS.
12. REMOVED ALL NOTES AND REFERENCES TO AKRON ALTIMETER SETTING - LOCAL AND SECONDARY WEATHER ON WMSCR.
13. UPDATED CAT B CIRCLING MDA/HAA FROM 4540/502 TO 4580/542 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
14. UPDATED CAT C CIRCLING MDA/HAA FROM 4580/542 TO 4620/582 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
15. UPDATED CAT D CIRCLING MDA/VIS/HAA FROM 4600/2/562 TO 4720/2 1/4/682 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
16. CHANGED ARRIVAL RESTRICTION NOTE FROM "CHART NOTE: PROCEDURE NA FOR ARRIVALS AT TUMBL ON V132 SOUTHEAST BOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TUMBL ON V132 SOUTHEAST BOUND" - UPDATED NOTE FORMAT.
17. CHANGED ARRIVAL RESTRICTION NOTE FROM "CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SNY VOR/DME ON AIRWAY RADIALS 176 CW 278" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SNY VOR/DME AIRWAY RADIALS 176 CW 278" - UPDATED NOTE FORMAT.
18. UPDATED TERMINAL ROUTES COURSE FOR LEG JORAL TO RW 15 FROM "154.73" TO "154.72" - IAW TARGETS BUILD.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZDC, APT MGR

FLIGHT CHECKED BY

CLINT PALMER

OFFICE

FICO

DATE

3/3/2020

Digitally signed by

ALLAN WILL

Apr 02, 2020

Digitally signed by

ALLAN WILL

Apr 02, 2020

DEVELOPED BY

ALLAN WILL (COLIN CAMPBELL)

OFFICE

AJV-A423

DATE

12/17/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Apr 02, 2020

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSTK
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	403718.4070N
LTP/FTP LONGITUDE	1031601.4265W
LTP/FTP ELLIPSOIDAL HEIGHT	+12110
FPAP LATITUDE	403553.2600N
FPAP LONGITUDE	1031526.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A828E500

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12306
FPAP ORTHOMETRIC HEIGHT	+12306

