

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
GREATER BINGHAMTON/EDWIN A LINK FIELD		KBGM	ILS OR LOC RWY 16	7	BINGHAMTON	NY
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1636	1634	ILS OR LOC RWY 16	6D	05/05/2011	12W	1995
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>		<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
I-AAJ			10 SEPTEMBER 2020	ROUTINE		

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>
CORTA	IAF	EDDER INT	NOPT				194.91	18.91 (CFB R-015)	3800
EDDER INT	IF	AUREY OM/INT					157.95	6.00 (I-AAJ)	3100

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.25 NM AFTER AUREY OM/INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 3700 DIRECT CFB VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD N AUREY OM, LT, 157.95 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 157.95 **FAF:** AUREY OM/INT **DIST FAF TO MAP:** 4.25 **DIST FAF TO THLD:** 4.25
4. **MIN ALT:** AUREY OM/INT 3100
5. **DIST TO THLD FROM OM:** 4.25 **MM:** **IM:** **150 HAT:** **GS ANT:** 1175
6. **MIN GS INCPT:** 3100 **GS ALT AT FAF :** **OM:** 3075 **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 52.0
8. **MSA FROM:** CFB VOR/DME 180-270 3200, 270-180 3700

EQUIPMENT REQUIREMENTS NOTES:

QUALITY
22
CHECKED

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CORTA ON V29 NORTHBOUND.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART IN PLANVIEW: CFB VOR/DME 12.10 DME AT EDDER INT.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 16 CATS C AND D VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
FICTITIOUS THRESHOLD POINT (CFBPG) DO NOT CHART.
CHART PLANVIEW NOTE: LOC OFFSET 2.36 DEGREES.
FAS OBST: 1730 AAO 421610N/0760146W.
FAC CROSSES RWY C/L EXTENDED 2640 FT FROM THLD.
HOLD W, LT, 094.84 INBOUND

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

ALTERNATE: NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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-ILS 16	1884	2400	250	1884	2400	250	1884	2400	250	1884	2400	250			
S-LOC 16	1980	2400	346	1980	2400	346	1980	3000	346	1980	3000	346			
CIRCLING	2120	1	484	2120	1	484	2120	1 1/2	484	2200	2	564			



CHANGES - REASONS

1. TERMINAL ROUTE DELETED: ITH VOR/DME TO EDDER INT - ITHACA (ITH) VOR/DME DECOMMISSIONING.
2. CHANGE CFB VORTAC TO CFB VOR/DME - TACR DECOMMISSIONING.
3. TERMINAL ROUTES, CORTA TO EDDER: COURSE/DISTANCE CHANGED FROM 195.00/19.00 TO 194.91/18.91 - EDDER MOVED OUT TO OBTAIN 6 NM FROM AUREY OM/INT, THE MINIMUM INTERMEDIATE SEGMENT LENGTH FOR CAT D.
4. TERMINAL ROUTES, EDDER TO AUREY: COURSE/DISTANCE CHANGED FROM 158.00/5.90 TO 157.95.91/6.00 - EDDER MOVED OUT TO OBTAIN 6 NM FROM AUREY OM/INT, THE MINIMUM INTERMEDIATE SEGMENT LENGTH FOR CAT D.
5. PRIMARY MISSED APPROACH CHANGED FROM 'CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 3700 DIRECT CFB VORTAC AND HOLD' TO 'CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 3700 DIRECT CFB VOR/DME AND HOLD' - CA ALTITUDE RAISED TO REACH CLEARANCE LIMIT WITHOUT CLIMB-AND-HOLD REQUIREMENT.
6. PROFILE LINE 3, FAC CHANGED FROM 158.00 TO 157.95 - LOC COURSE FROM AIRNAV.
7. PROFILE LINE 5, MM DELETED - CORRECTION TO FORM, MM NOT PART OF PROCEDURE. DIST TO THLD FROM GS ANT CHANGED FROM 1274 TO 1175 - PER UPDATED AIRPORT SURVEY DATA.
8. PROFILE LINE 6, MINIMUM OM ALTITUDE CHANGED FROM 3058 TO 3075 - CURRENT AIRNAV DATA.
9. PROFILE LINE 8, MSA: CFB VOR/DME 270 CW 180, ALT CHANGED FROM 3600 TO 3700 - NEW CONTROLLING OBSTACLE.
10. CHART IN PLANVIEW: CFB VOR/DME 12.10 DME AT EDDER INT ADDED - TO AID IN IDENTIFICATION OF THE IF.
11. PLANVIEW NOTE ADDED: PROCEDURE NA FOR ARRIVALS AT CORTA ON V29 NORTHBOUND - IAW 8260.19H PARA 8-2-5E.
12. PROFILE NOTE CHANGED FROM 'VGSI AND ILS GLIDEPATH NOT COINCIDENT' TO 'VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})' - IAW 8260.19H PARA 8-6-9M (2).
13. NOTE ADDED: FOR INOPERATIVE ALS, INCREASE S-LOC 16 CATS C AND D VISIBILITY TO RVR 5500 - IAW 8260.19H PARA 8-6-11O(3)(D).
14. ADDITIONAL FLIGHT DATA, NOTE DELETED: OFFSET LOCALIZER - NO LONGER REQUIRED TO CHART PER 8260.19H.
15. ADDITIONAL FLIGHT DATA, NOTE DELETED: ASR - NA, NO RADAR PUBLISHED PROCEDURES.
16. ADDITIONAL FLIGHT DATA, NOTE ADDED: CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
17. ADDITIONAL FLIGHT DATA, FAS OBST CHANGED FROM '1688 T/T 2.0NW R16 421322N/0755950W' TO '1730 AAO 421610N/0760146W' - UPDATED TARGETS EVALUATION.
18. ADDITIONAL FLIGHT DATA, NOTE CHANGED FROM 'FAC CROSSES RWY C/L EXTENDED 2587 FT FROM THLD' TO 'FAC CROSSES RWY C/L EXTENDED 2640 FROM THLD' - UPDATED TARGETS EVALUATION.
19. ADDITIONAL FLIGHT DATA, FICTITIOUS THRESHOLD POINT (CFBPG) DO NOT CHART ADDED - MAP NOT AT THE THRESHOLD..
20. ALTERNATE MINS NOTE ADDED: NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19H.
21. S-ILS 16 MINIMA CHANGED FROM 1/2 SM TO RVR 2400 - RVR ADDED WITH NEW AIRPORT SURVEY.
22. S-LOC 16 MINIMA CHANGED FROM CATS A-C 1/2 SM AND CAT D 3/4 SM TO CATS A AND B RVR 2400 AND CATS C AND D RVR 3000 - RVR ADDED WITH NEW AIRPORT SURVEY.
23. CIRCLING MINIMA CATS A-C CHANGED FROM 2100 DA/464 HAT TO 2120 DA/484 HAT - NEW CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZNY, BGM TOWER, BGM APP CON, AMGR

FLIGHT CHECKED BY

STEPHEN BAUER

Digitally signed by

WARDELL HENNING

Jul 30, 2020

OFFICE

FICO

DATE

7/29/2020

DEVELOPED BY

Digitally signed by

ANDREA CHANEY **ANDREA J CHANEY**

Feb 21, 2020

OFFICE

AJV-A433

DATE

11/21/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Jul 30, 2020

OFFICE

AJV-A430

DATE

TITLE
MANAGER