

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> APPLETON INTL	<u>AIRPORT ID</u> KATW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> APPLETON	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 918	<u>TDZE</u> 875	<u>SUPERSEDED</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 2W
<u>FACILITY</u> I-AQZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
GRB VORTAC		KOOKY LOM/I-AQZ 6.48 DME					202.41	22.17	2900
OSH VORTAC		KOOKY LOM/I-AQZ 6.48 DME					024.58	15.13	2900

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.19 NM AFTER KOOKY LOM/I-AQZ 6.48 DME OR AT I-AQZ 1.29 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 THEN CLIMBING RIGHT TURN TO 2900 DIRECT KOOKY LOM/I-AQZ 6.48 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2700 THEN CLIMBING RIGHT TURN TO 2900 DIRECT GRB VORTAC AND HOLD.

PROFILE:

1. PT R **SIDE OF COURSE** 118.13 **OUTBOUND** 2900 **FT WITHIN** 10 **MILES OF** KOOKY LOM (IAF)

2.

3. **FAC:** 298.13 **FAF:** KOOKY LOM/I-AQZ 6.48 DME **DIST FAF TO MAP:** 5.19 **DIST FAF TO THLD:** 5.19

4. **MIN ALT:** KOOKY LOM/I-AQZ 6.48 DME 2700

5. **DIST TO THLD FROM OM:** 5.19 **MM:** **IM:** **150 HAT:** **GS ANT:** 993

6. **MIN GS INCPT:** 2700 **GS ALT AT FAF :** **OM:** 2599 **MM:** **IM:**

7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 63.8

8. **MSA FROM:** AQ LOM 360-090 3100, 090-360 2600

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



ADDITIONAL FLIGHT DATA:

CHART (CFDWT) AT 441016.62N/0881628.51W
CHART CIRCLING ICON.
CHART IN PLANVIEW: GRB VORTAC
CHART VDP AT 2.37 DME*
DISTANCE VDP TO THLD 1.07 NM
* LOC ONLY
FAS OBST: 994 AAO 441354N/0882518W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S GRB VORTAC, RT, 020.00 INBOUND.
HOLD SE, RT, 298.13 INBOUND

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-ILS 30	1075	1/2	200	1075	1/2	200	1075	1/2	200	1075	1/2	200			
S-LOC 30	1260	1/2	385	1260	1/2	385	1260	5/8	385	1260	5/8	385			
CIRCLING	1340	1	422	1380	1	462	1400	1 1/2	482	1480	2	562			

CHANGES - REASONS

1. CHANGED GLIDESLOPE INTERCEPT AT OM FROM 2601 TO 2599 - KOOKY LOM FIX MOVED 5.8 FEET SE.
2. CHANGED GLIDESLOPE TCH FROM "60.1" TO "63.8" - CHANGED TO MATCH CURRENT ILS DATA AND CURRENT WAIVER TO EXCEED TCH LIMIT.
3. CHANGED PRIMARY MISSED APPROACH FROM "CLIMB TO 2900 THEN RIGHT TURN DIRECT KOOKY LOM/I-AQZ 6.48 DME AND HOLD" TO "CLIMB TO 2700 THEN CLIMBING RIGHT TURN TO 2900 DIRECT KOOKY LOM/I-AQZ 6.48 DME AND HOLD" - PROCEDURE RE-EVALUATED AND REDESIGNED WITH NEW CRITERIA TO AVOID DR SEGMENT EXCEEDING 10 NM.
4. CHANGED ALTERNATE MISSED APPROACH FROM "CLIMB TO 2900 THEN LEFT TURN DIRECT PCZ NDB AND HOLD SE, LT, 299.00 INBOUND" TO "CLIMB TO 2700 THEN CLIMBING RIGHT TURN TO 2900 DIRECT GRB VORTAC AND HOLD S, RT, 020 INBOUND" - PCZ NDB DECOMMISSIONED; NEW CLEARANCE LIMIT GRB VORTAC REQUESTED PER ATC.
5. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART: ALTERNATE MA HOLDING, HOLD SE PCZ NDB, LT, 299.00 INBOUND" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S GRB VORTAC, RT, 020.00 INBOUND" - PCZ NDB DECOMMISSIONED; NEW CLEARANCE LIMIT GRB VORTAC REQUESTED PER ATC.
6. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 957 TOWER 441358N/0882500W" TO "FAS OBST: 994 AAO 441354N/0882518W" - NEW OBSTACLE EVALUATION COMPLETED AND NEW FINAL OBST IDENTIFIED.
7. DELETED ADDITIONAL FLIGHT DATA NOTE "CHART 945 TOWER 441304N/0882433W" - NEW OBSTACLE EVALUATION COMPLETED.
8. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART VDP AT 2.24 DME" TO "CHART VDP AT 2.37 DME*" - VGSI TCH CHANGED TO 60.6 FEET AND MDA INCREASED TO 1260.
9. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "DISTANCE VDP TO THLD 0.964 MILES" TO "DISTANCE VDP TO THLD 1.07 NM" - S-LOC MDA INCREASED AND VGSI TCH CHANGED TO 60.6 FEET.
10. ADDED ADDITIONAL FLIGHT DATA NOTE "*" LOC ONLY" - VDP LOCATION DOES NOT APPLY TO PRECISION ILS.
11. DELETED ADDITIONAL FLIGHT DATA NOTE "CHART IN PLANVIEW: PCZ NDB" - PCZ NDB DECOMMISSIONED.
12. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART IN PLANVIEW: GRB VORTAC" - REQUIRED FOR ALTERNATE MISSED APPROACH HOLDING.
13. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART CIRCLING ICON" - NEW CIRCLING CRITERIA APPLIED.
14. CHANGED MINIMUMS S-LOC 30 FROM MDA/HAT CAT A-D 1220/345 TO MDA CAT A-D 1260/385; CHANGED CAT C VISIBILITY FROM 1/2 SM TO 5/8 SM; CHANGED CAT D VISIBILITY FROM 3/4 SM TO 5/8 SM - NEW OBSTACLE ASSESSMENT, NEW VISIBILITY TABLE APPLIED, AND PROCEDURE EVALUATED FROM TDZE.
15. CHANGED MINIMUMS CIRCLING CAT C MDA/HAA FROM 1380/462 TO 1400/482 - NEW CIRCLING CRITERIA APPLIED AND NEW OBSTACLE ASSESSMENT COMPLETED.
16. REMOVED BACK UP ALTIMETER NOTES "CHART NOTE: FOR INOPERATIVE MALSR WHEN USING AUSTIN STRAUBEL INTL ALTIMETER SETTING, INCREASE A-ILS ALL CATS VISIBILITY TO 1 MILE"; "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUSTIN STRAUBEL INTL ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET. INCREASE S-LOC CAT C AND D VISIBILITY 1/4 MILE"; "CHART NOTE: VDP NA WHEN USING AUSTIN STAUBEL INTL ALTIMETER SETTING" - PER 19H 8-6-9 F(3) NOT REQUIRED WHEN ASOS NON-FED TRANSMITS TO WMSCR. DATA PLACED ON BACK OF -9 FOR NOTAM CONTINGENCY.
17. ADDED "CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PER .19H WHEN ILS GLIDEPATH TCH AND VGSI TCH NOT COINCIDENT; CURRENT WAIVER TO EXCEED MAX TCH INCLUDED IN PACKAGE.
18. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART (CFDWT) AT 441016.62N/0881628.51W - REQUIRED FACF CNF FIX FOR CODING CAPABILITY.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR, ATW ATCT, GREEN BAY APCH CON

FLIGHT CHECKED BY

PAUL R ARMSTONG

Digitally signed by

DAVID DANNER

Jan 02, 2019

OFFICE

FICO

DATE

12/18/18

DEVELOPED BY

DEZ SILAGYI (DARREN HOOPER)

Digitally signed by

DAVID DANNER

Jan 02, 2019

OFFICE

AJV-5421

DATE

07/16/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER

Jan 02, 2019

OFFICE

AJV-5420

DATE

TITLE

MANAGER

