

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> JAMES M COX DAYTON INTL	<u>AIRPORT ID</u> KDAY	<u>PROCEDURE NAME</u> ILS OR LOC RWY 24L	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> DAYTON	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 1009	<u>TDZE</u> 1007	<u>SUPERSEDED</u> ILS OR LOC RWY 24L	<u>ORIGINAL/AMENDMENT</u> 10A	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-EGK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
ROD VORTAC		TARRY INT/I-EGK 17.48 DME					162.01	15.20	2800
TARRY INT/I-EGK 17.48 DME	IAF	JAVDO INT/I-EGK 12.18 DME					241.36 (I-EGK)	5.30	2800
JAVDO INT/I-EGK 12.18 DME	IF	ZAMBO INT/I-EGK 6.23 DME					241.36 (I-EGK)	5.95	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.86 NM AFTER ZAMBO INT/I-EGK 6.23 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON HEADING 241 AND DQN R-180 TO MIMMS/DQN 18 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 045 AND ON ROD VORTAC R-194 TO ZAMBO INT/I-EGK 6.23 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- PROFILE STARTS AT JAVDO
- 3. FAC:** 241.36 **FAF:** ZAMBO INT/I-EGK 6.23 DME **DIST FAF TO MAP:** 4.86 **DIST FAF TO THLD:** 4.86
- 4. MIN ALT:** JAVDO INT/I-EGK 12.18 DME 2800, ZAMBO INT/I-EGK 6.23 DME 2600
- 5. DIST TO THLD FROM PFAF:** 4.86 **MM:** **IM:** **150 HAT:** **GS ANT:** 900
- 6. MIN GS INCPT:** 2600 **GS ALT AT FAF :** ZAMBO INT/I-EGK 6.23 DME 2600 **OM:** **MM:** **IM:**
- 7. GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 50.0
- 8. MSA FROM:** DQN VOR/DME 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ROD VORTAC R-194 AND DQN VOR/DME R-108 AT ZAMBO
CHART ARRIVAL HOLDING AT TARRY: HOLD NE, RT, 241.36 INBOUND, 2800.
CHART CIRCLING ICON.
CHART VDP AT 2.57 DME*
DISTANCE VDP TO THLD 1.20 NM
* LOC ONLY
FAS OBST: 1179 AAO 395554N/0840736W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE ZAMBO INT/I-EGK 6.23 DME, RT, 241.36 INBOUND.
HOLD S, LT, 359.99 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

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 24L**	1207	2400	200	1207	2400	200	1207	2400	200	1207	2400	200			
S-LOC 24L	1440	2400	433	1440	2400	433	1440	4000	433	1440	4000	433			
CIRCLING	1580	1	571	1580	1	571	1580	1 1/2	571	1640	2	631			

CHANGES - REASONS

1. CHANGED ALL REFERENCE OF ZAMBO OM/INT TO ZAMBO INT/EGK 6.23 DME - ADDED DME TO EGK ILS.
2. TERMINAL ROUTES: CHANGED TARRY FROM AN INT TO INT/EGK 17.48 DME - ADDED DME TO EGK ILS AND ALIGNED TO FINAL.
3. TERMINAL ROUTES: ADDED ROUTE FROM TARRY TO JAVDO AND APPLICABLE DATA - ADDED JAVDO PER ATC REQUEST.
4. TERMINAL ROUTES: ADDED ROUTE FROM JAVDO TO ZAMBO AND APPLICABLE DATA - ADDED JAVDO PER ATC REQUEST.
5. LINE 1: DELETED PROCEDURE TURN AND APPLICABLE DATA - ATC REQUEST.
6. LINE 3: CHANGED FAC FROM 241.37 TO 241.36 - NEW ILS DATA.
7. ADDITIONAL FLIGHT DATA: ADDED CHART ARRIVAL HOLDING AT TARRY: HOLD NE, RT, 241.36 INBOUND, 2800 - PER ATC REQUEST.
8. MINIMUMS: CHANGED S-LOC 24L MDA/HAT ALL CATS FROM 1500/493 TO 1440/433; CAT C/D RVR FROM 5000 TO 4000 - NEW FINAL EVALUATION.
9. MISSED APPROACH: CHANGED ALL REFERENCE OF MIMMS INT TO MIMMS/DQN 15.73 DME - RICHMOND VORTAC BEING DECOMMISSIONED.
10. ADDED EQUIPEMENT REQUIREMENTS NOTE: DME REQUIRED - CRITERIA: 8260.19H, PARA 8-6-8 A(2).
11. DELETED INOP NOTE - INCREASE NOW MATCHES INOP TABLE.
12. LINE 3: DIST FAF TO MAP/THLD CHANGED FROM 4.69 TO 4.86 - ZAMBO RELOCATED.

11/7/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/17/18:

1. TERMINAL ROUTES: CHANGED ROD VORTAC TO TARRY INT COURSE FROM 157.01 TO 162.01 - TO CORRECT AN ADMINISTRATIVE ERROR.
2. ALTERNATE MISSED APPROACH INSTRUCTIONS: CHANGED ZAMBO DME FROM 4.86 TO 6.23 - TO CORRECT AN ADMINISTRATIVE ERROR.
3. ADDITIONAL FLIGHT DATA: ALTERNATE MA HOLDING, CHANGED ZAMBO DME FROM 4.86 TO 6.23 - TO CORRECT AN ADMINISTRATIVE ERROR.



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<u>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input checked="" type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZID, COLUMBUS APP CON, DAY ATCT, AMGR, ATA					
<u>FLIGHT CHECKED BY</u> GLEN B FREEMAN		Digitally signed by DAVID DANNER Oct 17, 2018		<u>OFFICE</u> FICO	<u>DATE</u> 9/5/18
<u>DEVELOPED BY</u> JAMES ROGERS		Digitally signed by JAMES ROGERS Nov 07, 2018		<u>OFFICE</u> AJV-5421	<u>DATE</u> 04/20/2018
<u>APPROVED BY</u> JULIE MORGAN		Digitally signed by ROBERT G HAMILTON Nov 09, 2018		<u>OFFICE</u> AJV-5420	<u>TITLE</u> MANAGER



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>
JAMES M COX DAYTON INTL	KDAY	ILS OR LOC RWY 24L	11	DAYTON	OH	1009	I-EGK

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
ROD VORTAC TARRY INT/I-EGK 17.48 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	15.20										
<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.TOWER (39-002629)	400822.15N/0835750.07W	1630	50	20	2C	1000				AT170	2800
2.TERRAIN	400703.00N/0835857.00W	1267 (1300)								AS1500	2800

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 TO
TARRY INT/I-EGK 17.48 DME JAVDO INT/I-EGK 12.18 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	5.30										
<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	400639.00N/0835733.00W	1441	250	125	4E	1000				AT359	2800
4.TERRAIN	400551.00N/0835836.00W	1224 (1200)								AS1500	2700

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:



I-EGK

ZAMBO INT/I-EGK 6.23 DME

HMAS

COMPUTATIONS

RF CENTER FIX/DISTANCE

DA

HMAS

COMPUTATIONS

RF CENTER FIX/DISTANCE

REMARKS:

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	2.98
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.86
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	235.36
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	995
DISTANCE FROM	THLD	TO 1500FT POINT	4.67
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	235.36
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	995

THRESHOLD
COORDINATES
(IF STR-IN)395406.91N/0841206.76W

ARP COORDINATES395408.10N/0841309.90W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 6L DISTANCE 1.31 NM

FAF
COORDINATES395652.70N/0840654.48W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



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JAMES M COX DAYTON INTL	KDAY	ILS OR LOC RWY 24L	11	DAYTON	OH	1009	I-EGK

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
JAMES ROGERS	AJV-5421	04/20/2018	AERONAUTICAL INFORMATION SPECIALIST

