

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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.

<b>AIRPORT</b> FRESNO YOSEMITE INTL	<b>AIRPORT ID</b> KFAT	<b>PROCEDURE NAME</b> TACAN RWY 11L	<b>ORIGINAL/AMENDMENT</b> 3	<b>CITY</b> FRESNO	<b>STATE</b> CA
<b>AIRPORT ELEVATION</b> 336	<b>TDZE</b> 11L 336 11R 333	<b>SUPERSEDED</b> VOR/DME OR TACAN RWY 11L	<b>ORIGINAL/AMENDMENT</b> 2A	<b>DATED</b> 07/24/2014	<b>MAG VAR</b> 15E
<b>FACILITY</b> CZQ TACAN	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 10 OCTOBER 2019	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>	<b>EPOCH YEAR</b> 1990

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-20.

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EBTUW/LIN 57.66 DME		BEREN/CZQ 12.62 DME					126.84	20.88 (CZQ R-307)	2700
BEREN/CZQ 12.62 DME	IF/IAF	CZQ TACAN					126.84	12.62	2700

**MISSED APPROACH**

**MAP:**  
CZQ 7.27 DME

**MISSED APPROACH INSTRUCTIONS:**  
CLIMBING LEFT TURN TO 2000 ON CZQ TACAN R-124 TO SELMA/CZQ 18.63 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L    **SIDE OF COURSE** 310.70    **OUTBOUND** 2700    **FT WITHIN** 15    **MILES OF** CZQ TACAN (IAF)

2.

3. **FAC:** 130.70    **FAF:** CZQ TACAN    **DIST FAF TO MAP:**    **DIST FAF TO THLD:** 7.27

4. **MIN ALT:** CZQ TACAN 2700, FOVOR/CZQ 4.00 DME 1420

8. **MSA FROM:** CZQ TACAN 120-300 1900, 300-120 7800

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: RWY 11L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CZQ TACAN TO RW11L: 3.00/50.  
CHART VDP AT 6.09 DME  
DISTANCE VDP TO THLD 1.18 NM  
CHART FAS OBST: 494 TANK 364855N/1194453W.  
554 AAO 365030N/1194522W.  
HOLD SE, LT, 304.00 INBOUND

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

ALTERNATE: NA ☐ STANDARD - CAT E 900-2

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-11L	760	5500	424	760	5500	424	760	1 1/4	424	760	1 1/4	424	760	1 1/4	424
SIDESTEP	760	1	427	760	1	427	760	1 1/2	427	760	2	427	760	2	427
CIRCLING	820	1	484	820	1	484	920	1 1/2	584	920	2	584	1140	2 3/4	804

CHANGES - REASONS

- PROCEDURE NAME CHANGED FROM VOR/DME OR TACAN RWY 11L TO TACAN RWY 11L. - VORMON PROJECT, CZQ VORTAC CHANGING TO CZQ TACAN.
- MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMBING LEFT TURN TO 2000 ON CZQ VORTAC R-124 TO SELMA/CZQ 18.63 DME AND HOLD." TO "CLIMBING LEFT TURN TO 2000 ON CZQ TACAN R-124 TO SELMA/CZQ 18.63 DME AND HOLD." - VORMON PROJECT, CZQ VORTAC CHANGING TO CZQ TACAN.
- ADDED FEEDER SEGMENT FROM EBTUW TO BEREN. - FPT REQUEST.
- TCH CHANGED FROM 55 FT TO 50 FT. - FPT REQUEST AND NOW MATCHES VGSI.
- STRAIGHT-IN AND SIDESTEP ALL CATS MDA CHANGED FROM 800 TO 760. - NEW TERRAIN/OBSTACLE EVALUATION, FPT REQUEST.
- ADDED "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTE - DME REQUIRED TO DEFINE THE MISSED APPROACH POINT.
- REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT NOTE. - VGSI AND DG NOW COINCIDENT.
- VDP DISTANCE INCREASED FROM 5.98 DME TO 6.09 DME - TCH AND MDA DECREASE.
- VDP TO THRESHOLD DISTANCE DECREASED FROM 1.30 NM TO 1.18 NM - TCH AND MDA DECREASE.
- S-11L VISIBILITY DECREASED FROM 1 3/8 SM TO 1 1/4 SM - CURRENT 8260.3 VISIBILITY VALUES.

08/28/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/06/2019.

- ADDED TDZE 11R 333 TO GENERAL INFORMATION BLOCK.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOA, KFAT APP CON, KFAT ATCT, CA AERO, AMGR.

FLIGHT CHECKED BY

THOMAS EDWARD MOLOKIE

Digitally signed by

DAVID DANNER

Sep 03, 2019

OFFICE

FIOG

DATE

04/15/2019

DEVELOPED BY

ROBERT G HAMILTON (AUSTIN GOTCHER)

Digitally signed by

RALPH DUMAR

Aug 30, 2019

OFFICE

AJV-A422

DATE

02/07/2019

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER

Sep 03, 2019

OFFICE

A42

DATE

TITLE

MANAGER

