

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
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Arrival Name LEGOZ (RNAV)	Number THREE	STAR Computer Code LEGOZ.LEGOZ3	Superseded Number TWO	Dated 10/12/2017	Effective Date
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BAUBB	BAUBB.LEGOZ3	BAUBB	BAUBB						AT 16000
			LEGOZ	112.12	10.93	6000	4400	AT 15000	
BLOXX	BLOXX.LEGOZ3	BLOXX	BLOXX						AT/ABOVE FL240
			BLDIT	143.40	09.08	12000	5100		
			TANDY	152.84	22.55	12000	5100	AT 17000	
			NJAGO	156.03	08.50	6000	4400	AT/BELOW 16000	
BURGL	BURGL.LEGOZ3	BURGL	LEGOZ	156.04	08.69	6000	4400	AT 15000	
			BURGL						
			DOUIT	134.33	26.52	17000	9800		
			BLOXX	127.35	79.11	12000	9800	AT/ABOVE FL240	
			BLDIT	143.40	09.08	12000	5100		
			TANDY	152.84	22.55	12000	5100	AT 17000	
LANDO	LANDO.LEGOZ3	LANDO	NJAGO	156.03	08.50	6000	4400	AT/BELOW 16000	
			LEGOZ	156.04	08.69	6000	4400	AT 15000	
			LANDO					AT/BELOW FL230	
			NUGEE	157.90	55.29	12000	10000		
			LAX VORTAC	157.99	10.00	12000	4400		
REBRG	REBRG.LEGOZ3	REBRG	KRAGL	182.59	20.62	6000	4400	AT/BELOW 16000	
			LEGOZ	182.53	08.70	6000	4400	AT 15000	
			REBRG						
			DOUIT	179.93	42.74	17000	9800		
TCUPS	TCUPS.LEGOZ3	TCUPS	BLOXX	127.35	79.11	12000	9800	AT/ABOVE FL240	
			BLDIT	143.40	09.08	12000	5100		
			TANDY	152.84	22.55	12000	5100	AT 17000	
			NJAGO	156.03	08.50	6000	4400	AT/BELOW 16000	
			LEGOZ	156.04	08.69	6000	4400	AT 15000	



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LEGOZ (RNAV)	THREE		LEGOZ.LEGOZ3	TWO			10/12/2017		
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			RUKKI	106.98	20.56	6000	4700		
			SCANN	106.34	22.44	6000	4400		
			BAUBB	106.95	15.86	6000	4400		AT 16000
			LEGOZ	112.12	10.93	6000	4400		AT 15000
TILLT	TILLT.LEGOZ3	TILLT	TILLT						
			ZIPRR	124.43	32.60	16000	5100		
			WURLL	132.26	25.40	6000	5100		
			TCUPS	132.48	44.29	6000	5100		
			RUKKI	106.98	20.56	6000	4700		
			SCANN	106.34	22.44	6000	4400		
			BAUBB	106.95	15.86	6000	4400		AT 16000
			LEGOZ	112.12	10.93	6000	4400		AT 15000

ARRIVAL ROUTE DESCRIPTION:

LANDING NFG: FROM LEGOZ ON TRACK 104.20/11.87 TO CROSS BRIKS AT OR BELOW 13000, THEN ON TRACK 084.31/7.56 TO CROSS AVOLS AT 11000 AND AT 250 KIAS, THEN ON TRACK 084.90/25.14 TO CROSS PACIF AT 5000, THEN ON TRACK 073.22. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING CRQ RWY 6: FROM LEGOZ ON TRACK 104.20/11.87 TO CROSS BRIKS AT OR BELOW 13000, THEN ON TRACK 084.31/7.56 TO CROSS AVOLS AT 11000 AND AT 250 KIAS, THEN ON TRACK 084.90/25.14 TO CROSS PACIF AT 5000, ON TRACK 110.00. EXPECT RNAV (RNP) Z RWY 6 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING CRQ RWY 24: FROM LEGOZ ON TRACK 104.20/11.87 TO CROSS BRIKS AT OR BELOW 13000, THEN ON TRACK 084.31/7.56 TO CROSS AVOLS AT 11000 AND AT 250 KIAS, THEN ON TRACK 084.90/25.14 TO CROSS PACIF AT 5000, THEN ON TRACK 110.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBOPROP AIRCRAFT ONLY

NOTE: NON-GPS EQUIPPED AIRCRAFT ON TILLT AND TCUPS TRANSITIONS: SXC DME MUST BE OPERATIONAL.

FIXES AND/OR HOLDING PATTERNS:

COMMUNICATIONS:



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LEGOZ (RNAV)	THREE	LEGOZ.LEGOZ3	TWO	10/12/2017	

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
CRQ	CARLSBAD	CA
NFG	OCEANSIDE	CA

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 MAG VAR: CRQ 14E/1980
 CHART AT PACIF TERMINUS: CRQ LDG RWY 6, 24
 CHART AT PACIF TERMINUS: LDG NFG

FLIGHT INSPECTED BY:

THOMAS MOLOKIE

ORGANIZATION:

AJV

DATE:

12/18/2024

Flight Inspected Signature:

Digitally signed by
DONALD H LANIER

Feb 11, 2025

Digitally signed by

DONALD H LANIER

Feb 11, 2025

Digitally signed by

DONALD H LANIER

Feb 11, 2025

DEVELOPED BY:

STEVEN DOUGERTY

AJV-A421

08/08/2024

Developed By Signature:

APPROVED BY:

DAVID DANNER

AJV-A421

Approved By Signature:

CHANGES:

1. Added NJAGO WP with an altitude restriction of AOB 16000 on the BLOXX, BURGL and REBRG en route transitions.
2. Added KRAGL WP with an altitude restriction of AOB 16000 on the LANDO en route transition.
3. Added SCANN WP between RUKKI WP and BAUBB WP.
4. Added TCUPS en route transition.
5. Changed altitude restriction at BAUBB WP from 16000B17000 to at 16000 on the BAUBB, TILLT and TCUPS en route transitions.
6. Changed STAR termination fix from OCN VORTAC to PACIF WP at 5000.
7. Added charted terminus data.
8. ADDED PROCEDURAL DATA NOTE: NON-GPS EQUIPPED AIRCRAFT ON TILLT AND TCUPS TRANSITIONS: SXC DME MUST BE OPERATIONAL.
9. ADJUSTED MEA/MOCA VALUES.
10. ADJUSTED ALL ARRIVAL DESCRIPTIONS TO UDPATE FM LEG AND EXPECT NOTES.
11. REMOVED DO NOT CHART MOCAS FROM ADDITIONAL FLIGHT DATA.



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LEGOZ (RNAV)	THREE	LEGOZ.LEGOZ3	TWO	10/12/2017	

- 12. CHANGED TURBOJET NOTE TO REFLECT JET.
- 13. REMOVED K IDENT AND ARPT NAMES FROM 17.1 FORM.
- 14. REMOVED RECOMMENDED NAVAID FROM 17.2 FORMS.

REASONS:

- 1-2. ATC request for procedural separation.
 - 3. ATC REQUEST TO FACILITATE SEPARATION FROM SPECIAL USE AIRSPACE.
 - 4. ATC REQUEST FOR CPDLC COMPLIANCE.
 - 5. ATC REQUEST FOR PROCEDURAL SEPARATION.
 - 6. ATC REQUEST TO ACCOMMODATE VECTORS TO IAPs.
 - 7. PER TERMINUS CHARTING CRITERIA.
 - 8. DME ANALYSIS IDENTIFIED SXC DME AS CRITICAL.
 - 9. NEW DTED AND DME ANALYSIS.
 - 10. ATC REQUESTED.
 - 11. MOCAS REQUIRED TO BE PUBLISHED UNLESS MOCAS ARE LESS THAN 500 FEET BELOW MEAS.
 - 12. CORRECT VERBIAGE.
 - 13. CURRENT DOCUMENTATION STANDARDS.
 - 14. NOT REQUIRED.
- 02/03/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/23/24.
- 1. RWY 6 AND 24 TRANSITION FM LEGS CHANGED TO 110 (MAG).

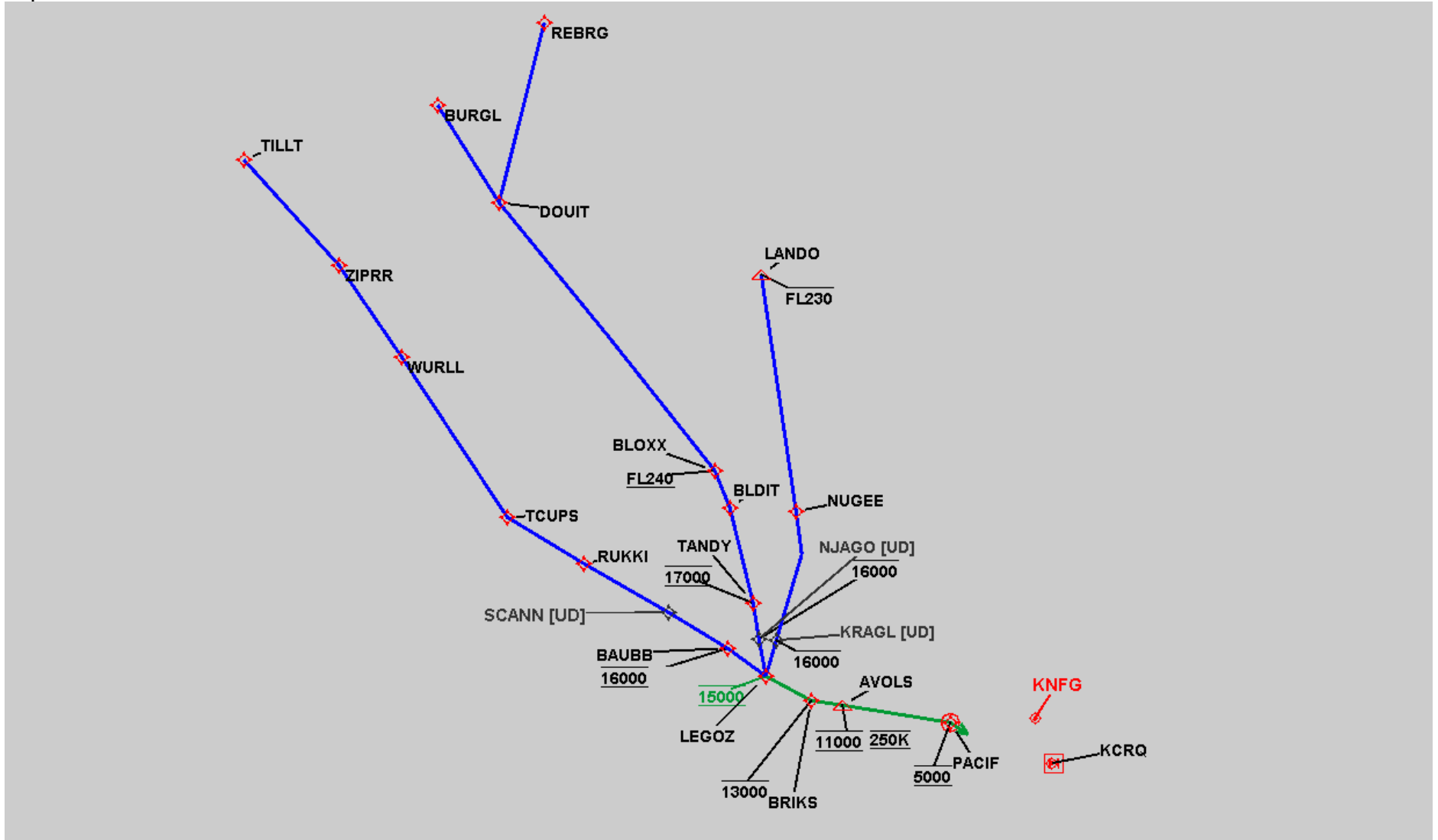


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LEGOZ (RNAV)	THREE	LEGOZ.LEGOZ3	TWO	10/12/2017	

Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name LEGOZ (RNAV)	Number THREE	STAR Computer Code LEGOZ.LEGOZ3		Superseded Number TWO		Dated 10/12/2017	Effective Date		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
BAUBB	333418.00N / 1184629.11W	Y		IF			AT 16000		BAUBB.LEGOZ3
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	126.12	10.93	AT 15000		
En Route Transition									
BLOXX	341512.00N / 1184950.80W	Y		IF			AT/ABOVE FL240		BLOXX.LEGOZ3
BLDIT	340647.87N / 1184538.53W	Y	FB	TF	157.40	09.08			
TANDY	334447.67N / 1183929.06W	Y	FB	TF	166.84	22.55	AT 17000		
NJAGO	333624.44N / 1183743.30W	Y	FB	TF	170.03	08.50	AT/BELOW 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	170.04	08.69	AT 15000		
En Route Transition									
BURGL	353957.68N / 1200627.86W	Y		IF					BURGL.LEGOZ3
DOUIT	351719.89N / 1194927.26W	Y	FB	TF	148.33	26.52			
BLOXX	341512.00N / 1184950.80W	Y	FB	TF	141.35	79.11	AT/ABOVE FL240		
BLDIT	340647.87N / 1184538.53W	Y	FB	TF	157.40	09.08			
TANDY	334447.67N / 1183929.06W	Y	FB	TF	166.84	22.55	AT 17000		
NJAGO	333624.44N / 1183743.30W	Y	FB	TF	170.03	08.50	AT/BELOW 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	170.04	08.69	AT 15000		
En Route Transition									
LANDO	350044.74N / 1183658.94W	Y		IF			AT/BELOW FL230		LANDO.LEGOZ3
NUGEE	340554.53N / 1182735.77W	Y	FB	TF	171.90	55.29			
LAX VORTAC	335559.34N / 1182555.25W	Y	FB	TF	171.99	10.00			
KRAGL	333611.52N / 1183258.09W	Y	FB	TF	196.59	20.62	AT/BELOW 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	196.53	08.70	AT 15000		
En Route Transition									
REBRG	355853.00N / 1193653.00W	Y		IF					REBRG.LEGOZ3
DOUIT	351719.89N / 1194927.26W	Y	FB	TF	193.93	42.74			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BLOXX	341512.00N / 1184950.80W	Y	FB	TF	141.35	79.11	AT/ABOVE FL240		
BLDIT	340647.87N / 1184538.53W	Y	FB	TF	157.40	09.08			
TANDY	334447.67N / 1183929.06W	Y	FB	TF	166.84	22.55	AT 17000		
NJAGO	333624.44N / 1183743.30W	Y	FB	TF	170.03	08.50	AT/BELOW 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	170.04	08.69	AT 15000		
En Route Transition									
TCUPS	340431.05N / 1194709.64W	Y		IF					TCUPS.LEGOZ3
RUKKI	335353.00N / 1192559.00W	Y	FB	TF	120.98	20.56			
SCANN	334229.57N / 1190246.05W	Y	FB	TF	120.34	22.44			
BAUBB	333418.00N / 1184629.11W	Y	FB	TF	120.95	15.86	AT 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	126.12	10.93	AT 15000		
En Route Transition									
TILLT	352713.22N / 1210003.51W	Y		IF					TILLT.LEGOZ3
ZIPRR	350244.53N / 1203342.86W	Y	FB	TF	138.43	32.60			
WURLL	344133.87N / 1201636.17W	Y	FB	TF	146.26	25.40			
TCUPS	340431.05N / 1194709.64W	Y	FB	TF	146.48	44.29			
RUKKI	335353.00N / 1192559.00W	Y	FB	TF	120.98	20.56			
SCANN	334229.57N / 1190246.05W	Y	FB	TF	120.34	22.44			
BAUBB	333418.00N / 1184629.11W	Y	FB	TF	120.95	15.86	AT 16000		
LEGOZ	332750.12N / 1183555.57W	Y	FB	TF	126.12	10.93	AT 15000		
Common Route									
LEGOZ	332750.12N / 1183555.57W	Y		IF			AT 15000		LEGOZ.LEGOZ3
BRIKS	332212.42N / 1182326.36W	Y	FB	TF	118.20	11.87	AT/BELOW 13000		
AVOLS	332106.46N / 1181430.62W	Y	FB	TF	098.31	07.56	AT 11000	AT 250K	
PACIF	331709.19N / 1174452.92W	Y	FO	TF	098.90	25.14	AT 5000		
KNFG				FM	087.22				



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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
Runway Transition									
LEGOZ	332750.12N / 1183555.57W	Y		IF			AT 15000		
BRIKS	332212.42N / 1182326.36W	Y	FB	TF	118.20	11.87	AT/BELOW 13000		
AVOLS	332106.46N / 1181430.62W	Y	FB	TF	098.31	07.56	AT 11000	AT 250K	
PACIF	331709.19N / 1174452.92W	Y	FO	TF	098.90	25.14	AT 5000		
KCRQ:RWY 6				FM	124.00				

Runway Transition									
LEGOZ	332750.12N / 1183555.57W	Y		IF			AT 15000		
BRIKS	332212.42N / 1182326.36W	Y	FB	TF	118.20	11.87	AT/BELOW 13000		
AVOLS	332106.46N / 1181430.62W	Y	FB	TF	098.31	07.56	AT 11000	AT 250K	
PACIF	331709.19N / 1174452.92W	Y	FO	TF	098.90	25.14	AT 5000		
KCRQ:RWY 24				FM	124.00				

