

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Arrival Name DIRBY (RNAV)	Number TWO	STAR Computer Code DIRBY.DIRBY2	Superseded Number ONE	Dated 06/22/2017	Effective Date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
RDHOT	RDHOT.DIRBY2	RDHOT	RDHOT						
			WURLL	163.62	54.06	6000	6000		
			TCUPS	134.48	44.29	6000	5100	AT/ABOVE FL290	
			HHEY	132.98	28.15	6000	4700	AT/ABOVE FL240	
			WAACH	123.69	22.08	6000	4400		
			THIIS	089.78	21.49	6000	4400	AT 16000	
TCUPS	TCUPS.DIRBY2	TCUPS	DIRBY	080.09	14.51	6000	4400		
			TCUPS					AT/ABOVE FL290	
			HHEY	132.98	28.15	6000	4700	AT/ABOVE FL240	
			WAACH	123.69	22.08	6000	4400		
			THIIS	089.78	21.49	6000	4400	AT 16000	
TILLT	TILLT.DIRBY2	TILLT	DIRBY	080.09	14.51	6000	4400		
			TILLT						
			ZIPRR	126.43	32.60	16000	5100		
			WURLL	134.26	25.40	6000	5100		
			TCUPS	134.48	44.29	6000	5100	AT/ABOVE FL290	
			HHEY	132.98	28.15	6000	4700	AT/ABOVE FL240	
TILLT	TILLT.DIRBY2	TILLT	WAACH	123.69	22.08	6000	4400		
			THIIS	089.78	21.49	6000	4400	AT 16000	
			DIRBY	080.09	14.51	6000	4400		
			DIRBY	080.09	14.51	6000	4400		

ARRIVAL ROUTE DESCRIPTION:

FROM DIRBY ON TRACK 081.74/17.68 TO CROSS PHUNN AT 14000, THEN ON TRACK 034.10/7.09 TO CROSS SHHOW AT 12000, THEN ON TRACK 345.71/10.65 TO CROSS ZAPPP AT OR ABOVE 9000, THEN ON TRACK 345.86/3.91 TO CROSS BUFIE AT OR BELOW 8000, THEN ON TRACK 331.95/8.45 TO CROSS SLI VORTAC AT 7000 AND AT 210 KIAS, THEN ON TRACK 326.20/7.02 TO CROSS TRNDO AT 5000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 25L OR RNAV (RNP) Z RWY 25L.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
DIRBY (RNAV)	TWO	DIRBY.DIRBY2	ONE	06/22/2017	

PROCEDURAL DATA NOTES:

- NOTE: JET AIRCRAFT ONLY
- NOTE: DO NOT FILE – TO BE ASSIGNED BY ATC.
- NOTE: EXPECT RWY 25L UNLESS OTHERWISE ASSIGNED BY ATC.

FIXES AND/OR HOLDING PATTERNS:

COMMUNICATIONS:

CHART: LOS ANGELES TOWER (N/S)

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
LAX	LOS ANGELES	CA

LOST COMMUNICATIONS PREFERENCES:

IN THE EVENT OF LOST COMMUNICATIONS: RNP ARRIVALS PROCEED ON THE RNAV (RNP) Z RWY 25L APPROACH. ALL OTHER AIRCRAFT PROCEED ON THE ILS OR LOC RWY 25L.

REMARKS:

TILLT TO ZIPPR MEA REQUIRED FOR SATISFACTORY DME/DME/IRU COVERAGE. ALL OTHER MEAS REQUIRED FOR ATC COMMUNICATION.
 DO NOT CHART MOCA: FROM RDHOT TO WURLL

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 MAG VAR: LAX 12E/2020
 CHART AT TRNDO TERMINUS: LDG LAX RWY 25L

FLIGHT INSPECTED BY:

ORGANIZATION: FPO
DATE: 10/08/2024

Flight Inspected Signature:

Digitally signed by

DEVELOPED BY:

JON NEIDIGH
 AJV-A432 6/7/2024

Developed By Signature:

JON M NEIDIGH

Aug 16, 2024

APPROVED BY:

JOSEPH L. ZEDER
 AJV-A432

Approved By Signature:

CHANGES:

1. AMENDED TILLT EN ROUTE TRANSITION FROM TILLT-ZIPRR-WURLL-TCUPS-RUKKI-BAUBB-DIRBY TO TILLT-ZIPRR-WURLL-TCUPS-HHEY- WAACH-THIIS-DIRBY
2. AMENDED RDHOT EN ROUTE TRANSITION FROM RDHOT-WURLL-TCUPS-RUKKI-BAUBB-DIRBY TO: RDHOT-WURLL-TCUPS-HHEY- WAACH-THIIS-DIRBY
3. CHANGED ALTITUDE RESTRICTION AT TCUPS WP FROM AT/ABOVE FL260 TO AT/ABOVE FL290

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4. LOWERED MEAS RDHOT TO TCUPS FROM 17000 TO 6000
5. LOWERED MEA TILLT TO ZIPRR FROM 17000 TO 16000
6. LOWERED MEA ZIPRR TO WURLL FROM 17000 TO 6000
7. CHANGED MOCA TILLT TO ZIPRR FROM 4100 TO 5100
8. CHANGED MOCA ZIPRR TO WURLL FROM 4200 TO 5100
9. REMOVED ALTITUDE AND SPEED RESTRICTIONS AT DIRBY
10. CHANGED ALTITUDE RESTRICTION AT PHUNN FROM AT/BELOW 14000 TO AT 14000
11. CHANGED ALTITUDE RESTRICTION AT SHHOW FROM AT/BELOW 12000 TO AT 12000
12. CHANGED ARRIVAL INSTRUCTIONS EXPECT STATEMENT FROM "EXPECT RADAR VECTORS TO ILS OR RNAV (RNP) Z RUNWAY 25L FINAL APPROACH COURSE" TO "EXPECT ILS OR LOC RWY 25L OR RNAV (RNP) Z RWY 25L"
13. ADDED TCUPS EN ROUTE TRANSITION
14. MOVED RNAV-1 AND DME/DME/IRU OR GPS FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES
15. CHANGED NOTE "RADAR REQUIRED" TO "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" AND MOVED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES
16. REMOVED NOTE: "NON RNP AR AIRCRAFT EXPECT RADAR VECTOR TO FINAL APPROACH COURSE AFTER SLI VORTAC"
17. CHANGED "TURBOJET AIRCRAFT ONLY" TO "JET AIRCRAFT ONLY"
18. CHANGED "NOTE: ATC ASSIGNED ONLY, DO NOT FILE" TO "CHART NOTE: DO NOT FILE - TO BE ASSIGNED BY ATC"
19. REMOVED SOCAL APP CON AND LOS ANGELES ATIS FROM COMMUNICATIONS
20. ADDED EXPLANATORY REMARKS FOR MEA VALUES
21. CHANGED REMARK "DO NOT CHART MOCAS" TO "DO NOT CHART MOCA: FROM RDHOT TO WURLL"
22. ADDED CHARTED TERMINUS DATA: AT TRNDO WP: LDG LAX RWY 25L

REASONS:

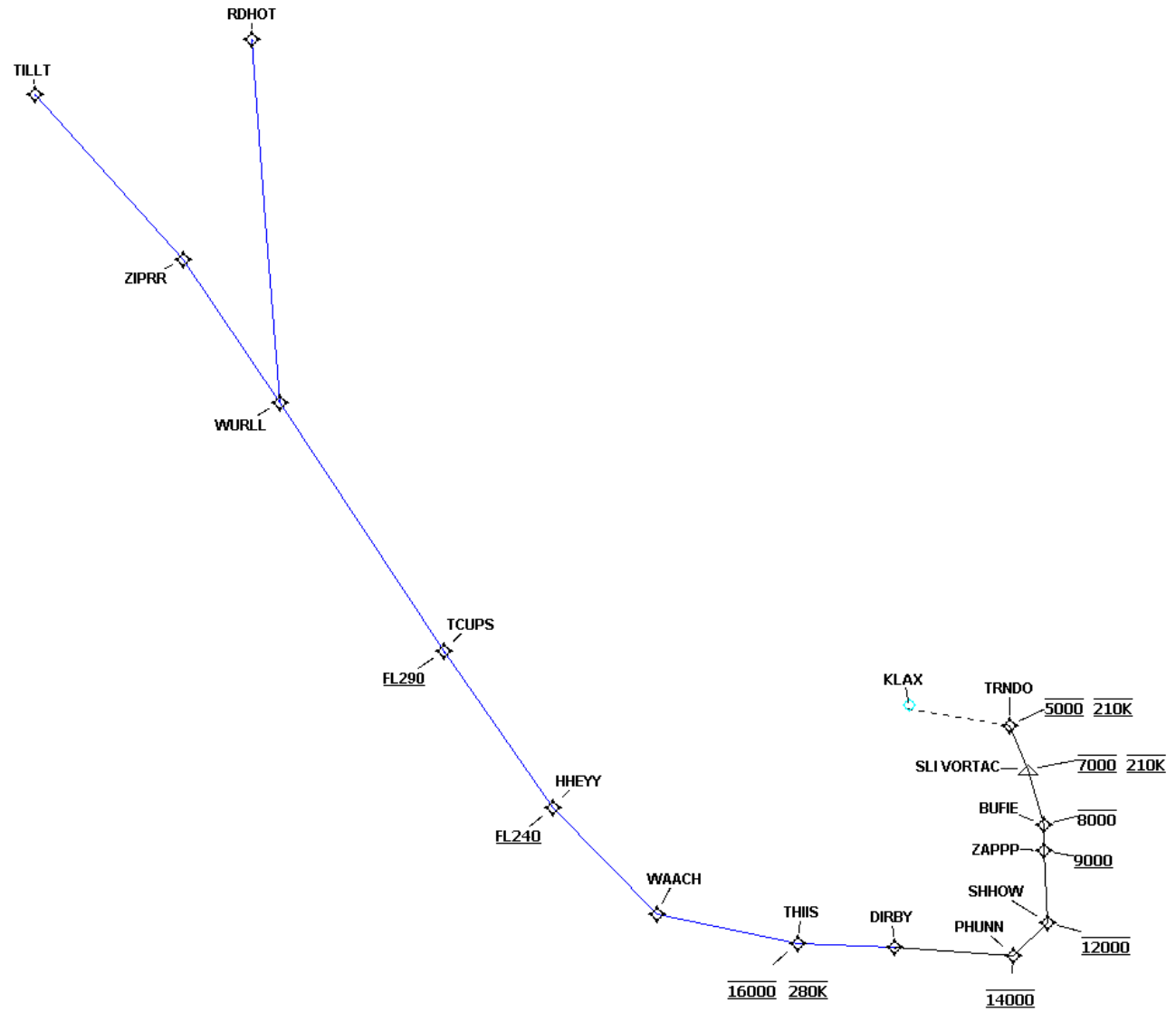
- 1-3. ATC REQUEST, PROVIDES SEPARATION FROM GOATZ ARRIVALS AND ADJACENT AIRSPACE
- 4-6. SATISFACTORY DME/DME/IRU COVERAGE AND ATC COMMUNICATION REQUIREMENTS
- 7-8. 8260.3E, 2-2-7 D.3
9. ATC REQUEST
- 10-11. ATC REQUEST, PROCEDURAL SEPARATION FROM KCRQ LEGOZ STAR
12. ATC REQUEST TO MATCH GOATZ STAR
13. ATC REQUEST FOR CPLDC COMPLIANCE
- 14-15. 8260.19J, 4-5-12 D.
16. ATC REQUEST
17. ALL TURBOJET REFERENCES CHANGED TO JET SINCE 8260.19H 1-1-5 A.12
18. 8260.19J, 4-5-2 W.
19. APPROACH CONTROL AND ATIS FREQUENCIES WILL BE CHARTED AUTOMATICALLY AND DO NOT NEED TO BE DOCUMENTED, 8260.19J, 4-5-12 F.
20. ADMINISTRATIVE DATA
21. 8260.19J, 4-5-12 B.8
22. 8260.19J, 4-5-2 H.2

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DIRBY (RNAV)	TWO	DIRBY.DIRBY2	ONE	06/22/2017	

Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name DIRBY (RNAV)	Number TWO	STAR Computer Code DIRBY.DIRBY2		Superseded Number ONE	Dated 06/22/2017	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									
RDHOT	353533.31N / 1202136.43W	Y		IF					RDHOT.DIRBY2
WURLL	344133.87N / 1201636.17W	Y	FB	TF	175.62	54.06			
TCUPS	340431.05N / 1194709.64W	Y	FB	TF	146.48	44.29	AT/ABOVE FL290		
HHEY	334123.75N / 1192748.13W	Y	FB	TF	144.98	28.15	AT/ABOVE FL240		
WAACH	332532.73N / 1190922.42W	Y	FB	TF	135.69	22.08			
THIIS	332106.44N / 1184415.53W	Y	FB	TF	101.78	21.49	AT 16000	AT 280K	
DIRBY	332033.37N / 1182656.76W	Y	FB	TF	092.09	14.51			
En Route Transition									
TCUPS	340431.05N / 1194709.64W	Y		IF			AT/ABOVE FL290		TCUPS.DIRBY2
HHEY	334123.75N / 1192748.13W	Y	FB	TF	144.98	28.15	AT/ABOVE FL240		
WAACH	332532.73N / 1190922.42W	Y	FB	TF	135.69	22.08			
THIIS	332106.44N / 1184415.53W	Y	FB	TF	101.78	21.49	AT 16000	AT 280K	
DIRBY	332033.37N / 1182656.76W	Y	FB	TF	092.09	14.51			
En Route Transition									
TILLT	352713.22N / 1210003.51W	Y		IF					TILLT.DIRBY2
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	AT/ABOVE FL290		
HHEY	334123.75N / 1192748.13W	Y	FB	TF	144.98	28.15	AT/ABOVE FL240		
WAACH	332532.73N / 1190922.42W	Y	FB	TF	135.69	22.08			
THIIS	332106.44N / 1184415.53W	Y	FB	TF	101.78	21.49	AT 16000	AT 280K	
DIRBY	332033.37N / 1182656.76W	Y	FB	TF	092.09	14.51			
Common Route									
DIRBY	332033.37N / 1182656.76W	Y		IF					DIRBY.DIRBY2
PHUNN	331922.31N / 1180553.82W	Y	FB	TF	093.74	17.68	AT 14000		
SHHOW	332417.49N / 1175947.90W	Y	FB	TF	046.10	07.09	AT 12000		



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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>
ZAPPP	333457.30N / 1180018.53W	Y	FB	TF	357.71	10.65	AT/ABOVE 9000		
BUFIE	333852.00N / 1180029.00W	Y	FB	TF	357.86	03.91	AT/BELOW 8000		
SLI VORTAC	334659.88N / 1180317.13W	Y	FB	TF	343.95	08.45	AT 7000	AT 210K	
TRNDO	335331.42N / 1180624.95W	Y	FB	TF	338.20	07.02	AT 5000	AT 210K	

