

# NOTICE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

N 7110.365

Cancellation  
Date: 7/29/05

**SUBJ: Departure Procedure/Standard Terminal Arrival Route Transition To The North American Route Program**

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**1. PURPOSE.** This notice establishes the use of specific Departure Procedures (DPs) and Standard Terminal Arrival Routes (STARs) in conjunction with flight plan filing under the North American Route Program (NRP). NRP is a joint Federal Aviation Administration (FAA) and NAV CANADA program, which integrates the FAA NRP and the Canadian Domestic Random Route Program. The objective of the NRP is to harmonize and adopt common procedures, to the extent possible, applicable to random route flight operations at and above Flight Level 290 (FL290) within the conterminous United States and Canada. The purpose is to provide increased flexibility and reduce restrictions for airspace users.

**2. DISTRIBUTION.** This notice is distributed to the branch level in the Washington and regional air traffic divisions, the FAA Academy, and all air traffic field offices and facilities.

**3. EFFECTIVE DATE.** This notice is effective July 30, 2004.

**4. BACKGROUND.** The National Airspace System (NAS) users have requested that the NRP 200 nautical mile (NM) ingress/egress requirement be replaced with the ability to file DP/STAR transitions to/from NRP en-route phases of flight. This recommendation was adopted and incorporated into the RTCA Free Flight Action Plan, which the FAA has agreed to support. To this end, the FAA formed a work group to develop and implement the DP/STAR program.

**5. IMPLEMENTATION.** The NAS users may utilize the DP/STAR procedures identified in Appendix 1, Departure Procedures, and Appendix 2, Standard Terminal Arrival Routes, in lieu of the NRP 200 NM ingress/egress filing requirements. All other procedures in FAA Order 7210.3, Facility Operations and Administration, and FAA Order 7110.65, Air Traffic Control, remain in effect.

**6. RESPONSIBILITIES.**

a. The Air Traffic Control System Command Center (ATCSCC) must:

(1) Have the authority to suspend and/or modify NRP operations for specific geographical areas or airport(s). Suspensions may be implemented for severe weather reroutes, special events, or as traffic/equipment conditions warrant.

(2) Conduct special user teleconferences and transmit ATCSCC advisories whenever a provision of the NRP will not be available to the user community for more than one hour.

b. Air Route Traffic Control Centers (ARTCC) must monitor activity to identify potential sector/airport constraint that may impact DP/STAR operations and coordinate with the ATCSCC for problem resolution.

**7. PROCEDURES.** Procedures for the enroute facilities must remain consistent with current and subsequent NRP procedures with the following exceptions:

a. NRP flights will be allowed to file and fly any of the listed transitions of the DP's and/or STAR's, as defined in Appendices 1 and 2, in lieu of the 200NM ingress/egress filing requirements. Not all of the published transitions may be available, due to facility procedural constraints.

b. In the case of radar vector DP's the enroute facility will clear the NRP flight to the first en-route navigational aid (NAVAID)/fix/waypoint of the flight plan as soon as practical.

c. When problems are identified involving the use of the DP/STAR transitions, immediately notify the ATCSCC Severe Weather Unit at (703)-708-5106 for resolution.

d. Enroute facilities must be responsible for notifying the ATCSCC Procedures Office, (703) 904-4417, when it is known that a change to the routes listed in Appendix 1 or 2 will be submitted. Changes to routes listed in the appendices, originally agreed to with the local National Air Traffic Controllers Association (NATCA) representative, must be re-coordinated and documented locally as prescribed in the Memorandum of Understanding dated 12/05/2001.

**8. USER REQUIREMENTS.** User flight plan filing requirements remain the same as in current NRP procedures with the following exceptions:

a. Users may file and fly any listed transition of the DP's and/or STAR's defined in Appendices 1 and 2, regardless of the mileage from the airport to transition end point.

b. Users should not file DP/STAR transitions in offshore transition areas (12 miles or more off the United States shoreline).

**9. APPENDICES.** Appendix 1, Departure Procedures, and Appendix 2, Standard Terminal Arrival Routes.

John W. Kies  
Director of System Operations

**APPENDIX 1. DEPARTURE PROCEDURES (DP)**

<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZAB	Albuquerque	Socorro (ONM) Corona (CNX) Texico (TXO) Tucumcari (TCC) Las Vegas (LVS) Taos (TAS) Alamosa (ALS) Durango (DRO) Farmington (FMN) Gallup (GUP) Zuni (ZUN) St. Johns (SJN)	Vector Vector Vector Vector Vector Vector Vector Vector Vector Vector Vector Vector	Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque
ZAB	Largo (LARGO)	Farmington (FMN) Gallup (GUP) Zuni (ZUN)	Pilot Nav Pilot Nav Pilot Nav	Albuquerque Albuquerque Albuquerque
ZAB	Tucson (TUS)	Cochise (CIE) Gila Bend (GBN) Phoenix (PXR) San Simon (SSO) Sunns (SUNNS)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Tucson Tucson Tucson Tucson Tucson
ZDV	Denver	Meeker (EKR) Red Table (DBL) Pueblo (PUB) Garden City (GCK) Goodland (GLD) Hayes Center (HCT) Cheyenne (CYS) Laramie (LAR)	Vector Vector Vector Vector Vector Vector Vector Vector	Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl
ZDV	Pikes (PIKES)	Pueblo (PUB) Alamosa (ALS)	Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco

**APPENDIX 1. DEPARTURE PROCEDURES (DP)**

<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZDV	Plains (PLAIN)	Garden City (GCK) Goodland (GLD) Hayes Center (HCT) McCook (MCK)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco Denver/Jeffco Denver/Jeffco
ZDV	Rockies (ROCKI)	Dove Creek (DVC) Kremmling (RLG) Meeker (EKR) Red Table (DBL)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco Denver/Jeffco Denver/Jeffco
ZDV	Yellowstone (YELLO)	Cheyenne (CYS) Hanki (HANKI) Laramie (LAR) Medicine Bow (MBW) Scottsbluff (BFF)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco Denver/Jeffco Denver/Jeffco Denver/Jeffco
ZFW	Dallas (DALL)	El Dorado (ELD)  Little Rock (LIT)  Meridian (MEI)  Sidon (SQS)  Texarkana (TXK)  Belcher (EIC)	Pilot Nav  Pilot Nav  Pilot Nav  Pilot Nav  Pilot Nav  Pilot Nav	Dallas-Fort Worth Dallas-Love Field  Dallas-Fort Worth Dallas-Love Field  Dallas-Fort Worth Dallas-Love Field  Dallas-Fort Worth Dallas-Love Field  Dallas-Fort Worth Dallas-Love Field
ZFW	Joe Pool (JPOOL)	College Station (CLL)  San Antonio (SAT)	Pilot Nav  Pilot Nav	Dallas-Fort Worth Dallas-Love Field  Dallas-Fort Worth Dallas-Love Field

**APPENDIX 1. DEPARTURE PROCEDURES (DP)**

<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZFW	Texoma (TEX)	Rolls (ROLLS)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Tulsa (TUL)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Will Rogers (IRW)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Ardmore (ADM)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Okmulgee (OKM)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		McAlester (MLC)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
ZFW	Worth (WORTH)	Abilene (ABI)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Amarillo (AMA)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Boomr (BOOMR)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Corona (CNX)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Guthrie (GTH)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Texico (TXO)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
		Tucumcari (TCC)	Pilot Nav	Dallas-Fort Worth Dallas-Love Field
ZHU	Beaumont (BEUMT)	Baton Rouge (BTR)	Pilot Nav	Bush Intercontinental
		Leeville (LEV)	Pilot Nav	Bush Intercontinental
ZHU	Industry (IDU)	Junction (JCT)	Pilot Nav	Bush Intercontinental William P. Hobby
ZHU	Junction (JCT)		Pilot Nav	Bush Intercontinental

**APPENDIX 1. DEPARTURE PROCEDURES (DP)**

<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZHU	Leona (LEONA)	Rikks (RIKKS)	Pilot Nav	Bush Intercontinental William P. Hobby
ZHU	Lufkin (LFK)	McComb (MCB)	Pilot Nav	Bush Intercontinental William P. Hobby
ZHU	Palacios (PSX)	Fort Sockton (FST) San Antonio (SAT)	Pilot Nav Pilot Nav	Bush Intercontinental William P. Hobby Bush Intercontinental William P. Hobby
ZHU	Scholes (VUH)	Baton Rouge (BTR) Leeville (LEV)	Pilot Nav Pilot Nav	Bush Intercontinental William P. Hobby Bush Intercontinental William P. Hobby
ZHU	Alamo (ALAMO)	Eagle Lake (ELA) Hobby (HUB) Jumbo (JUMBO) Lampasas (LZZ)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	San Antonio San Antonio San Antonio San Antonio
ZHU	Bowie (BOWIE)	Corpus Christi (CRP) Laredo (LRD) Lejon (LEGON) Milet (MILET) Shuck (SHUCK) Three Rivers (THX)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	San Antonio San Antonio San Antonio San Antonio San Antonio San Antonio
ZID	Bluegrass (BLGRS)	Lexington (HYK) Louisville (IU) Primm (PRIMM) York (YRK)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Cincinnati Cincinnati Cincinnati Cincinnati
ZID	Redss (REDSS)	Tiverton (TVT) Newcomerstown (CTW)	Pilot Nav Pilot Nav	Cincinnati Cincinnati

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZID	Whitewater (WHWTR)	Kokomo (OKK) Decatur (DEC) Cadiz (CADIZ)	Pilot Nav Pilot Nav Pilot Nav	Cincinnati Cincinnati Cincinnati
ZID	Dawnn (DAWNN)	Mystic (MYS) Bowling Green (BWG) Louisville (IIU)	Pilot Nav Pilot Nav Pilot Nav	Indianapolis Indianapolis Indianapolis
ZKC	Chief (CHIEF)	Catts (CATTS) St. Joseph (STJ)	Pilot Nav Pilot Nav	Kansas City Kansas City
ZKC	Lakes (LAKES)	Columbia (COU)	Pilot Nav	Kansas City
ZKC	Racer (RACER)	Dosoa (DOSOA) Springfield (SGF)	Pilot Nav Pilot Nav	Kansas City Kansas City
ZKC	Tifto (TIFTO)	Tifto (TIFTO)	Pilot Nav	Kansas City
ZKC	Wildcat (WLDCT)	Kentn (KENTN) Salina (SLN) Wichita (ICT)	Pilot Nav Pilot Nav Pilot Nav	Kansas City Kansas City Kansas City
ZKC	Blues (BLUES)	Louisville (IIU)	Pilot Nav	St. Louis
ZKC	Gateway (GATWY)	Brickyard (VHP) Creep (CREEP) Rosewood (ROD)	Pilot Nav Pilot Nav Pilot Nav	St. Louis St. Louis St. Louis
ZKC	Lindbergh (LINDY)	Little Rock (LIT) Malden (MAW) Maples (MAP) Myerz (MYERZ) Walnut Ridge (ARG)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	St. Louis St. Louis St. Louis St. Louis St. Louis
ZKC	Ozark (OZARK)	Macon (MCM)	Pilot Nav	St. Louis

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZKC	Pless (PLESS)	Denni (DENNI) Nashville (BNA)	Pilot Nav Pilot Nav	St. Louis St. Louis
ZKC	Turbo (TURBO)	Decatur (DEC) Pocket City (PXV) Thomp (THOMP)	Pilot Nav Pilot Nav Pilot Nav	St. Louis St. Louis St. Louis
ZLA	Aaces (AACES)	Bryce Canyon (BCE) Dove Creek (DVC) Milford (MLF)	Pilot Nav Pilot Nav Pilot Nav	Las Vegas Las Vegas Las Vegas
ZLA	Hoover (HOOVR)	Drake (DRK) Peach Springs (PGS)	Vector Vector	Las Vegas Las Vegas
ZLA	Idale (IDALE)	Bikkr (BIKKR) Boach (BOACH) Coaldale (OAL) Hector (HEC) Jotnu (JOTNU) Twentynine Palms (TNP)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Las Vegas Las Vegas Las Vegas Las Vegas Las Vegas Las Vegas
ZLA	Las Vegas (LAS)	Dove Creek (DVC)	Vector	Las Vegas
ZLA	McCarran (MCCRN)	Beatty (BTY) Hector (HEC) Twenty-nine Palms (TNP)	Vector Vector Vector	Las Vegas Las Vegas Las Vegas
ZLA	Staav (STAAV)	Beatty (BTY) Milford (MLF) Morman Mesa (MMM) Wilson Creek (ILC)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Las Vegas Las Vegas Las Vegas Las Vegas

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ZLA	Wyldd (WYLDD)	Drake (DRK) Gallup (GUP) Mosbi (MOSBI) Peach Springs (PGS) Winslow (INW)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Las Vegas Las Vegas Las Vegas Las Vegas Las Vegas
ZLA	Anaheim (ANAHM)	Hector (HEC) Lake Hughes (LHS) Ventura (VTU)	Vector Vector Vector	Long Beach Long Beach Long Beach
ZLA	Gorman (GMN)	Avenal (AVE) Shafter (EHF)	Pilot Nav Pilot Nav	Los Angeles Los Angeles
ZLA	Imperial (IPL)	Imperial (IPL)	Pilot Nav	Los Angeles
ZLA	Perch (PRCH)	Los Angeles (LAX)	Vector	Los Angeles
ZLA	Ventura (VTU)	Dinty (DINTY) San Marcus (RZS)	Pilot Nav Pilot Nav	Los Angeles Los Angeles
ZLA	Ontario (ONT)	Avenal (AVE) Gorman (GMN) Shafter (EHF)	Pilot Nav Pilot Nav Pilot Nav	Ontario Ontario Ontario
ZLA	Pomona (POM)	Avenal (AVE) Gorman (GMN) Shafter (EHF)	Pilot Nav Pilot Nav Pilot Nav	Ontario Ontario Ontario
ZLA	Prado (PRDO)	Mission Bay (MZB)	Pilot Nav	Ontario
ZLA	Border (BRDR)	Imperial (IPL) Julian (JLI)	Pilot Nav Pilot Nav	San Diego San Diego
ZLA	Lnsay (LNSAY)	Falcc (FALCC) Santa Catalina (SXC) Seal Beach (SLI)	Pilot Nav Pilot Nav Pilot Nav	San Diego San Diego San Diego

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ZLA	Peble (PEBLE)	Santa Catalina (SXC) Seal Beach (SLI)	Pilot Nav Pilot Nav	San Diego San Diego
ZLA	Channel (CHANL)	Gorman (GMN) San Marcus (RZS) Shafter (EHF)	Pilot Nav Pilot Nav Pilot Nav	Santa Ana Santa Ana Santa Ana
ZLA	Duuke (DUUKE)	Gorman (GMN) Imperial (IPL) San Marcus (RZS) Shafter (EHF)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Santa Ana Santa Ana Santa Ana Santa Ana
ZLA	Musel (MUSEL)	Oceanside (OCN) Seal Beach (SLI)	Pilot Nav Pilot Nav	Santa Ana Santa Ana
ZLC	Fairfield (FFU)	Bryce Canyon (BCE) Delta (DTA) Hanksville (HVE) Milford (MLF)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Salt Lake City Salt Lake City Salt Lake City Salt Lake City
ZLC	Salt Lake (SLC)	Rock Springs (OCS) Myton (MTU) Mina (MVA) Twin Falls (TWF) Malad City (MLD)	Vector Vector Vector Vector Vector	Salt Lake City Salt Lake City Salt Lake City Salt Lake City Salt Lake City
ZLC	Sevyr (SEVYR)	Milford (MLF) Coaldale (OAL)	Vector Vector	Salt Lake City Salt Lake City
ZME	Huntsville	Bowling Green (BWG) Nashville (BNA) Graham (GHM) Hinch Mountain (HCH) Shelbyville (SYI) Jacks Creek (JKS) Memphis (MEM) Muscle Shoals (MSL) Holly Springs (HLI)	Vector Vector Vector Vector Vector Vector Vector Vector Vector	Huntsville Intl Huntsville Intl. Huntsville Intl. Huntsville Intl. Huntsville Intl. Huntsville Intl. Huntsville Intl. Huntsville Intl. Huntsville Intl.

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ZME	Huntsville (Cont'd)	Choo Choo (GQO)	Vector	Huntsville Intl.
		Rome (RMG)	Vector	Huntsville Intl.
		Gadsen (GAD)	Vector	Huntsville Intl.
		Hamilton (HAB)	Vector	Huntsville Intl.
		Vulcan (VUZ)	Vector	Huntsville Intl.
ZME	Jackson	Nashville (BNA)	Vector	Jackson Intl.
		Memphis (MEM)	Vector	Jackson Intl.
		Little Rock (LIT)	Vector	Jackson Intl.
		Pine Bluff (PBF)	Vector	Jackson Intl.
		Tupelo (TUP)	Vector	Jackson Intl.
		Monticello (MON)	Vector	Jackson Intl.
		Greenville (GLH)	Vector	Jackson Intl.
		Sidon (SQS)	Vector	Jackson Intl.
		Bigbee (IGB)	Vector	Jackson Intl.
		Vulcan (VUZ)	Vector	Jackson Intl.
		El Dorado (ELD)	Vector	Jackson Intl.
		Belcher (EIC)	Vector	Jackson Intl.
		Monroe (MLU)	Vector	Jackson Intl.
		Meridian (MEI)	Vector	Jackson Intl.
		Montgomery (MGM)	Vector	Jackson Intl.
		Natchez (HEZ)	Vector	Jackson Intl.
		Eaton (LBY)	Vector	Jackson Intl.
		Monroeville (MVC)	Vector	Jackson Intl.
		McComb (MCB)	Vector	Jackson Intl.
		Alexandria (AEX)	Vector	Jackson Intl.
		Baton Rouge (BTR)	Vector	Jackson Intl.
		Humble (IAH)	Vector	Jackson Intl.
		Semmes (SJI)	Vector	Jackson Intl.
		Gulfport (GPT)	Vector	Jackson Intl.
ZME	Memphis	Centralia (ENL)	Vector	Memphis Intl.
		Farmington (FAM)	Vector	Memphis Intl.
		Malden (MAW)	Vector	Memphis Intl.
		Springfield (SGF)	Vector	Memphis Intl.
		Razorback (RZC)	Vector	Memphis Intl.
		Fort Smith (FSM)	Vector	Memphis Intl.

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZME	Memphis (Cont'd)	Texarkana(TXK)	Vector	Memphis Intl.
		Belcher (EIC)	Vector	Memphis Intl.
		Walnut Ridge (ARG)	Vector	Memphis Intl.
		Little Rock (LIT)	Vector	Memphis Intl.
		Pine Bluff (PBF)	Vector	Memphis Intl.
		El Dorado (ELD)	Vector	Memphis Intl.
ZME	Memphis	Greenville (GLH)	Vector	Memphis Intl.
		Sidon (SQS)	Vector	Memphis Intl.
		Jackson (JAN)	Vector	Memphis Intl.
		Dyersburg (DYR)	Vector	Memphis Intl.
		Nashville (BNA)	Vector	Memphis Intl.
		Jacks Creek (JKS)	Vector	Memphis Intl.
		Muscle Shoals (MSL)	Vector	Memphis Intl.
		Hamilton (HAB)	Vector	Memphis Intl.
		Vulcan (VUZ)	Vector	Memphis Intl.
		Meridian (MEI)	Vector	Memphis Intl.
Montgomery (MGM)	Vector	Memphis Intl.		
ZME	Titan	Brickyard (VHP)	Vector	Nashville Intl.
		Louisville (IIU)	Vector	Nashville Intl.
		Livingston (LVT)	Vector	Nashville Intl.
		St. Louis (STL)	Vector	Nashville Intl.
		Walnut Ridge (ARG)	Vector	Nashville Intl.
		Bowling Green (BWG)	Vector	Nashville Intl.
		Dyersburg (DYR)	Vector	Nashville Intl.
		Graham (GHM)	Vector	Nashville Intl.
		Memphis (MEM)	Vector	Nashville Intl.
		Jacks Creek (JKS)	Vector	Nashville Intl.
		Muscle Shoals (MSL)	Vector	Nashville Intl.
		Rocket (RQZ)	Vector	Nashville Intl.
		Jackson (JAN)	Vector	Nashville Intl.
		Vulcan (VUZ)	Vector	Nashville Intl.
		Rome (RMG)	Vector	Nashville Intl.
		La Grange (LGC)	Vector	Nashville Intl.
		Atlanta (ATL)	Vector	Nashville Intl.
		Choo Choo (GQO)	Vector	Nashville Intl.
Volunteer (VXV)	Vector	Nashville Intl.		

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZMP	Minneapolis (MSP)	Aberdeen (ABR)	Vector	Minneapolis-St. Paul Intl.
		Fargo (FAR)	Vector	Minneapolis-St. Paul Intl.
		Omaha (OVR)	Vector	Minneapolis-St. Paul Intl.
		Brainerd (BRD)	Vector	Minneapolis-St. Paul Intl.
		Duluth (DLH)	Vector	Minneapolis-St. Paul Intl.
		Green Bay (GRB)	Vector	Minneapolis-St. Paul Intl.
		Nodine (ODI)	Vector	Minneapolis-St. Paul Intl.
		Dells (DLL)	Vector	Minneapolis-St. Paul Intl.
		Rochester (RST)	Vector	Minneapolis-St. Paul Intl.
		Des Moines (DSM)	Vector	Minneapolis-St. Paul Intl.
		Kansas City (MKC)	Vector	Minneapolis-St. Paul Intl.
		Fort Dodge (FOD)	Vector	Minneapolis-St. Paul Intl.
		St. Joseph (STJ)	Vector	Minneapolis-St. Paul Intl.
		O'Neill (ONL)	Vector	Minneapolis-St. Paul Intl.
		Sioux Falls (FSD)	Vector	Minneapolis-St. Paul Intl.
		Rapid City (RAP)	Vector	Minneapolis-St. Paul Intl.
ZMP	Snine (SNINE)	Green Bay (GRB)	Vector	Minneapolis-St. Paul Intl.

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZOA	Gongs (GONGS)	Maxwell (MXW) Point Reyes (PYE) Red Bluff (RBL) Sacramento (SAC) Williams (ILA)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Chico Chico Chico Chico Chico
ZOA	Richy (RICHY)	Genne (GENNE) Marri (MARRI) Spook (SPOOK) Tilts (TILTS)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Lake Tahoe Lake Tahoe Lake Tahoe Lake Tahoe
ZOA	Shole (SHOLE)	Spook (SPOOK) Mustang (FMG)	Pilot Nav Pilot Nav	Lake Tahoe Lake Tahoe
ZOA	Byron (BYRON)	Sunol (SUNOL)	Pilot Nav	Livermore
ZOA	Lizrd (LIZRD)	Oakland (OAK) Santa Rosa (STS)	Pilot Nav Pilot Nav	Napa County Napa County
ZOA	Marina (MARI)	Scaggs Island (SGD)	Pilot Nav	Oakland
ZOA	Silent (SLNT)	Chico (CIC) Red Bluff (RBL) Sacramento (SAC) Linden (LIN) Mendocino (ENI)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Oakland Oakland Oakland Oakland Oakland
ZOA	Skyline (SKYL)	Clovis (CZQ)	Pilot Nav	Oakland
ZOA	Homan (HOMAN)	Red Bluff (RBL) Chico (CIC)	Pilot Nav Pilot Nav	Redding Redding
ZOA	Kendl (KENDL)	Red Bluff (RBL) Tomad (TOMAD)	Pilot Nav Pilot Nav	Redding Redding

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZOA	Krest (KREST)	Itmor (ITMOR) Shata (SHATA) Tomad (TOMAD)	Pilot Nav Pilot Nav Pilot Nav	Redding Redding Redding
ZOA	Wagge (WAGGE)	Lovelock (LLC)	Pilot Nav	Reno
ZOA	Dudes (DUDES)	Lovelock (LLC) Mina (MVA)	Pilot Nav Pilot Nav	Sacramento Sacramento
ZOA	Dumbarton (DUMB)	Red Bluff (RBL)	Pilot Nav	San Francisco
ZOA	Eugene (EUGEN)	Big Sur (BSR)	Pilot Nav	San Francisco
ZOA	Molen (MOLEN)	Mendocino (ENI)	Pilot Nav	San Francisco
ZOA	Porte (PORTE)	Panoche (PXN)	Pilot Nav	San Francisco
ZOA	Quiet (CUIT)	Chico (CIC) Linden (LIN) Mendocino (ENI) Red Bluff (RBL) Sacramento (SAC)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	San Francisco San Francisco San Francisco San Francisco San Francisco
ZOA	Rebas (REBAS)	Chico (CIC) Mendocino (ENI) Red Bluff (RBL)	Pilot Nav Pilot Nav Pilot Nav	San Francisco San Francisco San Francisco
ZOA	Shoreline (SHOR)	Red Bluff (RBL)	Pilot Nav	San Francisco
ZOA	Danville (DANV)	Red Bluff (RBL)	Pilot Nav	San Jose
ZOA	Loupe (LOUPE)	Red Bluff (RBL)	Pilot Nav	San Jose

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<b>ARTCC</b>	<b>DP NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZOA	Frees (FREES)	Santa Rosa (STS) Scaggs Island (SGD) Point Reyes (PYE) Mendocino (ENI)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Sonoma County Sonoma County Sonoma County Sonoma County
ZOA	Santa Rosa (STS)	Scaggs Island (SGD)	Pilot Nav	Sonoma County
ZOA	Dores (DORES)	Haire (HAIRE) Loddi (LODDI) Oakey (Oakey)	Pilot Nav Pilot Nav Pilot Nav	Stockton Stockton Stockton
ZOA	Stockton (STKN)	Bushy (BUSHY) Byron (BYRON) Cedes (CEDES) Modesto (MOD) Tracy (TRACY)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Stockton Stockton Stockton Stockton Stockton
ZSE	Portland (PTLD)	Eugene (EUG) Klickitat (LTJ) Deschutes (DSD)	Vector Vector Vector	Portland Intl. Portland Intl. Portland Intl.
ZSE	River (RIVR)	Eugene (EUG) Klickitat (LTJ) Deschutes (DSD)	Vector Vector Vector	Portland Intl. Portland Intl. Portland Intl.
ZSE	Elmaa (ELMAA)	Elmaa (ELMAA)	Pilot Nav	Seattle-Tacoma Intl.
ZSE	Mountain	Moses Lake (MWH)	Vector	Seattle-Tacoma Intl.
ZSE	Summa (SUMMA)	Summa (SUMMA)	Vector	Seattle-Tacoma Intl.

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

<b>ARTCC</b>	<b>STAR NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZAB	Curly (CURLY)	Gallup (GUP) Taner (TANER)	STAR STAR	Albuquerque Albuquerque
ZAB	Friho (FRIHO)	Espan (ESPAN) Las Vegas (LVS)	STAR STAR	Albuquerque Albuquerque
ZAB	Lavan (LAVAN)	St. Johns (SJN) Zuni (ZUN)	STAR STAR	Albuquerque Albuquerque
ZAB	Miera (MIERA)	Chisum (CME) Texico (TXO) Tucumcari (TCC)	STAR STAR STAR	Albuquerque Albuquerque Albuquerque
ZAB	Dingo (DINGO)	Gila Bend (GBN) Phoenix (PXR) Stanfield (TFD)	STAR STAR STAR	Tucson Tucson Tucson
ZAU	Bradford (BDF)	Bayli (BAYLI) Kirksville (IRK)	STAR STAR	Chicago Chicago
ZAU	Janesville (JVL)	Mason City (MCW)	STAR	Chicago
ZAU	Knox (OXI)	Fort Wayne (FWA) Dryer (DJB) Waterville (VWV)	STAR STAR STAR	Chicago Chicago Chicago
ZAU	Motif (MOTIF)	Capital (CAP) Kirksville (IRK) Lamoni (LMN)	STAR STAR STAR	Chicago Chicago Chicago
ZAU	Pullman (PMM)	Traverse City (TVC) Flint (FNT)	STAR STAR	Chicago Chicago
ZAU	Veena (VEENA)	Janesville (JVL) Joliet (JOT)	STAR STAR	General Mitchell General Mitchell

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZDC	Drone (DRONE)	Kinston (ISO)	STAR	Norfolk
ZDC	Brade (BRADE)	Wilmington (ILM)	STAR	Raleigh-Durham
ZDV	Dandd (DANDD)	Oathe (OATHE) Rylie (RYLIE)	STAR STAR	Denver Denver
ZDV	Landr (LANDR)	Scottsbluff (BFF) Sidney (SNY)	STAR STAR	Denver Denver
ZDV	Larks (LARKS)	Alamosa (ALS) Farmington (FMN)	STAR STAR	Denver Denver
ZDV	Powdr (POWDR)	Blue Mesa (HBU) Grand Junction (JNC)	STAR STAR	Denver Denver
ZDV	Quail (QUAIL)	Lamar (LAA) Todde (TODDE)	STAR STAR	Denver Denver
ZDV	Ramms (RAMMS)	Medicine Bow (MBW)	STAR	Denver
ZDV	Sayge (SAYGE)	North Platte (LBF)	STAR	Denver
ZDV	Tomsn (TOMSN)	Meeker (EKR) Hayden (CHE)	STAR STAR	Denver Denver
ZFW	Bonham (BYP)	Tulsa (TUL) Fort Smith (FSM) Little Rock (LIT)	STAR STAR STAR	Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth
ZFW	Bowie (UKW)	Panhandle (PNH) Borger (BGD) Texico (TXO) Tulsa (TUL) Will Rogers (IRW)	STAR STAR STAR STAR STAR	Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZFW	Cedar Creek (CQY)	Alexandria (AEX) Centex (CWK) Humble (IAH) Jackson (JAN) Leona (LOA) Sidon (SQS)	STAR STAR STAR STAR STAR STAR	Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth
ZFW	Dumpy (DUMPY)	Alexandria (AEX) Centex (CWK) Humble (IAH) Jackson (JAN) Leona (LOA) Sidon (SQS)	STAR STAR STAR STAR STAR STAR	Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth
ZFW	Glen Rose (JEN)	Centex (CWK) San Antonio (SAT) Wink (INK)	STAR STAR STAR	Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth
ZFW	Fingr (FINGR)	Fort Smith (FSM) Little Rock (LIT) Tulsa (TUL)	STAR STAR STAR	Dallas-Fort Worth. Dallas-Fort Worth. Dallas-Fort Worth
ZFW	Greys (GREGS)	Amarillo (AMA) Borger (BGD) Texico (TXO) Tulsa (TUL) Will Rogers (IRW)	STAR STAR STAR STAR STAR	Dallas-Fort Worth. Dallas-Fort Worth. Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth
ZFW	Knead (KNEAD)	Centex (CWK) San Antonio (SAT) Wink (INK)	STAR STAR STAR	Dallas-Fort Worth. Dallas-Fort Worth. Dallas-Fort Worth
ZHU	Biter (BITER)	Industry (IDU)	STAR	Austin-Bergstrom
ZHU	Cugar (CUGAR)	Millsap (MQP) Junction (JCT)	STAR STAR	Bush Intercontinental W.P. Hobby Bush Intercontinental W.P. Hobby

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZHU	Daisetta (DAS)	Alexandria (AEX) Lake Charles (LCH) McComb (MCB) Sawmill (SWB)	STAR STAR STAR STAR	Bush Intercontinental W.P. Hobby Bush Intercontinental W.P. Hobby Bush Intercontinental W.P. Hobby Bush Intercontinental W.P. Hobby
ZHU	Rokit (ROKIT)	Alexandria (AEX) Lake Charles (LCH)	STAR STAR	Bush Intercontinental W.P. Hobby Bush Intercontinental W.P. Hobby
ZHU	Gland (GLAND)	Corpus Christi (CRP) San Antonio (SAN)	STAR STAR	Bush Intercontinental Bush Intercontinental
ZHU	Stros (STROS)	Harvey (HRV) White Lake (LLA)	STAR STAR	Bush Intercontinental Bush Intercontinental
ZHU	Awdad (AWDAD)	Baton Rouge (BTR) Lafayette (LFT) Lake Charles (LCH)	STAR STAR STAR	Moisant/Lake Front Moisant/Lake Front Moisant/Lake Front
ZHU	Oledd (OLEDD)	Tibby (TBY) White Lake (LLA)	STAR STAR	Moisant/Lake Front Moisant/Lake Front
ZHU	Slidd (SLIDD)	Gulfport (GPT) Semmes (SJI)	STAR STAR	Moisant/Lake Front Moisant/Lake Front
ZHU	Centerpoint (CSI)	Fort Stockton (FST) Junction (JCT)	STAR STAR	San Antonio San Antonio
ZHU	Lemig (LEMIG)	Corpus Christi (CRP) Cotulla (COT) Laredo (LRD) Three Rivers (THX)	STAR STAR STAR STAR	San Antonio San Antonio San Antonio San Antonio

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZHU	Marcs (MARCS)	Industry (IDU)	STAR	San Antonio
		Lufkin (LFK)	STAR	San Antonio
		Waco (ACT)	STAR	San Antonio
		Windu (WINDU)	STAR	San Antonio
ZHU	Stonewall (STV)	Abilene (ABI)	STAR	San Antonio
		Junction (JCT)	STAR	San Antonio
		Llano (LLO)	STAR	San Antonio
ZHU	Lisse (LISSE)	Corpus Christi (CRP)	STAR	W. P. Hobby
		Palacios (PSX)	STAR	W. P. Hobby
		San Antonio (SAT)	STAR	W. P. Hobby
ZHU	Trinity (MHF)	Harvey (HRV)	STAR	W. P. Hobby
		Leeville (LEV)	STAR	W. P. Hobby
		Semmes (SJI)	STAR	W. P. Hobby
ZID	Cince (CINCE)	Rosewood (ROD)	STAR	Cincinnati
		Bellaire (AIR)	STAR	Cincinnati
		Appleton (APE)	STAR	Cincinnati
ZID	Mosey (MOSEY)	Pocket City (PXV)	STAR	Cincinnati
		Centralia (ENL)	STAR	Cincinnati
ZID	Sweed (SWEED)	Holston Mountain (HNV)	STAR	Cincinnati
		Charleston (HVQ)	STAR	Cincinnati
		Henderson (HNN)	STAR	Cincinnati
		Volunteer (VXV)	STAR	Cincinnati
ZID	Tarne (TARNE)	Danville (DNV)	STAR	Cincinnati
		Fort Wayne (FWA)	STAR	Cincinnati
		Muncie (MIE)	STAR	Cincinnati
		Capital (CAP)	STAR	Cincinnati
ZID	Danei (DANEI)	Appleton (APE)	STAR	Dayton
ZID	Kekee (KEKEE)	Falmouth (FLM)	STAR	Dayton

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZID	Clang (CLANG)	Fort Wayne (FWA) Dayton (DQN) Empty (EMPTY) Rosewood (ROD)	STAR STAR STAR STAR	Indianapolis Indianapolis Indianapolis Indianapolis
ZID	Decee (DECEE)	Louisville (IIU)	STAR	Indianapolis
ZID	Cheri (CHERI)	Pocket City (PXV) Terre Haute (TTH) Centralia (ENL)	STAR STAR STAR	Louisville Louisville Louisville
ZID	Darby (DARBY)	Hinch Mountain (HCH) London (LOZ) Volunteer (VXV) Yocky (YOCKY)	STAR STAR STAR STAR	Louisville Louisville Louisville Louisville
ZID	Ponie (PONIE)	Cincinnati (CVG) Rosewood (ROD) Appleton (APE)	STAR STAR STAR	Louisville Louisville Louisville
ZID	Bremn (BREMN)	Morgantown (MGW) Bellaire (AIR)	STAR STAR	Columbus Columbus
ZJX	Alma (AMG)	Alma (AMG)	STAR	Jacksonville
ZJX	Brunswick (SSI)	Savannah (SAV) Charleston (CHS)	STAR STAR	Jacksonville Jacksonville
ZJX	Pogie (POGIE)	Orlando (ORL)	STAR	Jacksonville
ZJX	Taylor (TAY)	Seminole (SZW)	STAR	Jacksonville
ZJX	Leese (LEESE)	Valdosta (OTK) Savannah (SAV) Alma (AMG)	STAR STAR STAR	Orlando Orlando Orlando
ZJX	Clamp (CLAMP)	Seminole (SZW)	STAR	Sarasota

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZJX	Darbs (DARBS)	Seminole (SZW)	STAR	Tampa
ZLA	Fernando (FERN)	Avenal (AVE) Derbb (DERBB) Fellows (FLW) Ohigh (OHIGH)	STAR STAR STAR STAR	Burbank Burbank Burbank Burbank
ZLA	Lynxx (LYNXX)	Daggett (DAG) Lake Hughes (LHS) Palmdale (PMD)	STAR STAR STAR	Burbank Burbank Burbank
ZLA	Clarr (CLARR)	Daggett (DAG)	STAR	Las Vegas
ZLA	Creso (CRESO)	Hector (HEC)	STAR	Las Vegas
ZLA	Fuzzy (FUZZY)	Beatty (BTY)	STAR	Las Vegas
ZLA	Ksino (KSINO)	Bethl (BETHL) Bryce Canyon (BCE) Dove Creek (DVC) Milford (MLF)	STAR STAR STAR STAR	Las Vegas Las Vegas Las Vegas Las Vegas
ZLA	Luxor (LUXOR)	Bethl (BETHL) Dove Creek (DVC) Milford (MLF) Bryce Canyon (BCE)	STAR STAR STAR STAR	Las Vegas Las Vegas Las Vegas Las Vegas
ZLA	Lynsy (LYNSY)	Peach Springs (PGS) Drake (DRK)	STAR STAR	Las Vegas Las Vegas
ZLA	Mirok (MIROK)	Drake (DRK) Kingman (IGM) Peach Springs (PGS)	STAR STAR STAR	Las Vegas Las Vegas Las Vegas
ZLA	Skebr (SKEBR)	Daggett (DAG)	STAR	Las Vegas
ZLA	Tragr (TRAGR)	Beatty (BTY)	STAR	Las Vegas

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZLA	Kayoh (KAYOH)	Hector (HEC)	STAR	Long Beach/ Orange County
		Palm Springs (PSP)	STAR	Long Beach/ Orange County
ZLA	Baset (BASET)	Hector (HEC)	STAR	Los Angeles
		Peach Springs (PGS)	STAR	Los Angeles
		Twenty Nine Palms (TNP)	STAR	Los Angeles
ZLA	Downe (DOWNE)	Hector (HEC)	STAR	Los Angeles
		Peach Springs (PGS)	STAR	Los Angeles
		Twenty Nine Palms (TNP)	STAR	Los Angeles
ZLA	Julian (JLI)		STAR	Los Angeles
ZLA	Leena (LEENA)	Cyprs (CYPRS)	STAR	Los Angeles
		Fellows (FLW)	STAR	Los Angeles
		Ficky (FICKY)	STAR	Los Angeles
		Fillmore (FIM)	STAR	Los Angeles
		Goatz (GOATZ)	STAR	Los Angeles
		Malit (MALIT)	STAR	Los Angeles
		Rosin (ROSIN)	STAR	Los Angeles
ZLA	Moorpark (MOOR)	Dinty (DINTY)	STAR	Los Angeles
		Derbb (DERBB)	STAR	Los Angeles
		Avenal (AVE)	STAR	Los Angeles
ZLA	Ocean (OCEAN)	Julian (JLI)	STAR	Los Angeles
ZLA	Paradise (PDZ)	Twenty Nine Palms (TNP)	STAR	Los Angeles
		Julian (JLI)	STAR	Los Angeles
ZLA	Redeye (RDEYE)	Twenty Nine Palms (TNP)	STAR	Los Angeles
		Peach Springs (PGS)	STAR	Los Angeles
		Hector (HEC)	STAR	Los Angeles

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZLA	Reedr (REEDR)	Twenty Nine Palms (TNP)	STAR	Los Angeles
		Peach Springs (PGS)	STAR	Los Angeles
		Hector (HEC)	STAR	Los Angeles
ZLA	Sadde (SADDE)	Ventura (VTU)	STAR	Los Angeles
		San Marcos (RZS)	STAR	Los Angeles
		Palmdale (PMD)	STAR	Los Angeles
		Fillmore (FIM)	STAR	Los Angeles
		Elkey (ELKEY)	STAR	Los Angeles
		Dinty (DINTY)	STAR	Los Angeles
		Derbb (DERBB)	STAR	Los Angeles
		Avenal (AVE)	STAR	Los Angeles
ZLA	Vista (VISTA)	Julian (JLI)	STAR	Los Angeles
ZLA	Seter (SETER)	Palm Springs (PSP)	STAR	Ontario
		Julian (JLI)	STAR	Ontario
ZLA	Ziggy (ZIGGY)	Palmdale (PMD)	STAR	Ontario
		Tule (TTE)	STAR	Ontario
		Shafter (EHF)	STAR	Ontario
		Hector (HEC)	STAR	Ontario
ZLA	Baret (BARET)	Twenty Nine Palms (TNP)	STAR	San Diego
		Imperial (IPL)	STAR	San Diego
		Needles (EED)	STAR	San Diego
		Parker (PKE)	STAR	San Diego
ZLA	Hubrd (HUBRD)	Los Angeles (LAX)	STAR	San Diego
		Santa Catalina (SXC)	STAR	San Diego
ZLA	Shamu (SHAMU)	Los Angeles (LAX)	STAR	San Diego
ZLC	Bearr (BEAR)	Burley (BYI)	STAR	Salt Lake City
		Pocatello (PIH)	STAR	Salt Lake City

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZLC	Brigham City (LHO)	Dubois (DBS) Jackson (JAC) Big Piney (BPI) Rock Springs (OCS)	STAR STAR STAR STAR	Salt Lake City Salt Lake City Salt Lake City Salt Lake City
ZLC	Spane (SPANE)	Seeker (EKR) Helpr (HELPR)	STAR STAR	Salt Lake City
ZMA	Fortl (FORTL)	St. Petersburg (PIE) Sarasota (SRQ) Tepee (TEPEE)	STAR STAR STAR	Fort Lauderdale Fort Lauderdale Fort Lauderdale
ZMA	Mrlin (MRLIN)	Freeport (ZFP) Hobee (HOBEE) Vero Beach (VRB) Ormond Beach (OMN)	STAR STAR STAR STAR	Fort Lauderdale Fort Lauderdale Fort Lauderdale Fort Lauderdale
ZMA	Cypress (CYY)	Lee County (RSW) St. Petersburg (SRQ) Sarasota (SRQ)	STAR STAR STAR	Miami Miami Miami
ZMA	Heatt (HEATT)	Hobee (HOBEE)	STAR	Miami
ZMA	Goofy (GOOFY)	Pahokee (PHK) Palm Beech (PBI)	STAR STAR	Orlando Orlando
ZMA	Bridge (BRDGE)	LaBelle (LBV) Pahokee (PHK) Lee County (RSW)	STAR STAR STAR	Tampa Tampa Tampa
ZMA	Llake (LLAKE)	Craig (CRG) Cross City (CTY) Gators (GNV) Lakeland (LAL) Sarasota (SRQ)	STAR STAR STAR STAR STAR	West Palm Beach West Palm Beach West Palm Beach West Palm Beach West Palm Beach

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZMA	Surfn (SURFN)	Hobee (HOBEE) Vero Beach (VRB) Ormond Beach (OMN)	STAR STAR STAR	West Palm Beach West Palm Beach West Palm Beach
ZME	Gilmore (GQE)	Farmington (FAM) Fort Smith (FSM) Razorback (RZC) Walnut Ridge (ARG)	STAR STAR STAR STAR	Memphis Memphis Memphis Memphis
ZME	Holly (HLI)	Choo Choo (GQO) Hamilton (HAB) Muscle Shoals (MSL) Tupelo (TUP) Vulcan (VUZ)	STAR STAR STAR STAR STAR	Memphis Memphis Memphis Memphis Memphis
ZME	Marvell (UJM)	El Dorado (ELD) Greenville (GLH) Little Rock (LIT) Sidon (SQS) Texarkana (TXK)	STAR STAR STAR STAR STAR	Memphis Memphis Memphis Memphis Memphis
ZME	Wilder (WLDER)	Bowling Green (BWG) Jacks Creek (JKS) McKeller (MKL) Nashville (BNA) Pocket City (PXV)	STAR STAR STAR STAR STAR	Memphis Memphis Memphis Memphis Memphis
ZME	Graham (GHM)	Bigbee (IGB) Memphis (MEM) Sidon (SQS) Vulcan (VUZ)	STAR STAR STAR STAR	Nashville Nashville Nashville Nashville
ZME	Guitr (GUITR)	Lexington (HYK) Livingston (LVT) Louisville (IIU) Yocky (YOCKY)	STAR STAR STAR STAR	Nashville Nashville Nashville Nashville

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZME	Hehaw (HEHAW)	Bowling Green (BWG)	STAR	Nashville
		Central City (CCT)	STAR	Nashville
		Farmington (FAM)	STAR	Nashville
		Louisville (IIU)	STAR	Nashville
		Mystic (MYS)	STAR	Nashville
		Terre Haute (TTH)	STAR	Nashville
		Tings (TINGS)	STAR	Nashville
ZME	Volls (VOLLS)	Atlanta (ATL)	STAR	Nashville
		Choo Choo (GQO)	STAR	Nashville
		Rocket (RQZ)	STAR	Nashville
		Volunteer (VXV)	STAR	Nashville
		Hinch Mountain (HCH)	STAR	Nashville
ZMP	Eau Claire (EAU)	Green Bay (GRB)	STAR	Minneapolis-St. Paul Intl.
		Badger (BAE)	STAR	Minneapolis-St. Paul Intl.
ZMP	Gopher (GEP)	Alexandria (AXN)	STAR	Minneapolis-St. Paul Intl.
		Brainerd (BRD)	STAR	Minneapolis-St. Paul Intl.
		Fargo (FAR)	STAR	Minneapolis-St. Paul Intl.
ZMP	Kaspr (KASPR)	Fort Dodge (FOD)	STAR	Minneapolis-St. Paul Intl.
		Mason City (MCW)	STAR	Minneapolis-St. Paul Intl.
		Waterloo (ALO)	STAR	Minneapolis-St. Paul Intl.
ZMP	Sketr (SKETR)	Redwood Falls (RWF)	STAR	Minneapolis-St. Paul Intl.
ZOA	Given (GIVEN)	Coaldale (OAL)	STAR	Fresno

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZOA	Madwin (MADN)	Mina (MVA) Coaldale (OAL) Mustang (FMG)	STAR STAR STAR	Oakland Oakland Oakland
ZOA	Panoche (PXN)	Gorman (GMN) Avenal (AVE)	STAR STAR	Oakland Oakland
ZOA	Anaho (ANAHO)	Gassi (GASSI) Lovelock (LLC)	STAR STAR	Reno Reno
ZOA	Cannon (CANN)	Squaw Valley (SWR)	STAR	Reno
ZOA	Tarvr (TARVR)	Mina (MVA) Coaldale (OAL) Sacramento (SAC) Tilts (TILTS)	STAR STAR STAR STAR	Reno Reno Reno Reno
ZOA	Vikes (VIKES)	Lovelock (LLC)	STAR	Reno
ZOA	Flunk (FLUNK)	Squaw Valley (SWR)	STAR	Sacramento
ZOA	Tudor (TUDOR)	Red Bluff (RBL) Williams (ILA) Klamath Falls (LMT)	STAR STAR STAR	Sacramento Sacramento Sacramento
ZOA	Wraps (WRAPS)	Clovis (CZQ)	STAR	Sacramento
ZOA	Big Sur (BSR)	Big Sur (BSR)	STAR	San Francisco
ZOA	Golden Gate (GOLDN)	Red Bluff (RBL) Mustang (FMG) Fortuna (FOT) Roseburg (RBG)	STAR STAR STAR STAR	San Francisco San Francisco San Francisco San Francisco
ZOA	Hadley (HADLY)	Sausalito (SAU)	STAR	San Francisco

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZOA	Locke (LOCKE)	Mina (MVA) Coaldale (OAL) Mustang (FMG)	STAR STAR STAR	San Francisco San Francisco San Francisco
ZOA	Modesto (MOD)	Mina (MVA) Coaldale (OAL)	STAR STAR	San Francisco San Francisco
ZOA	Point Reyes (PYE)	Mendocino (ENI) Maxwell (MXW)	STAR STAR	San Francisco San Francisco
ZOA	Stins (STINS)	Red Bluff (RBL) Mustang (FMG) Fortuna (FOT) Roseburg (RBG)	STAR STAR STAR STAR	San Francisco San Francisco San Francisco San Francisco
ZOA	Briny (BRINY)	Mendocino Mustang (FMG) Red Bluff (RBL)	STAR STAR STAR	San Jose San Jose San Jose
ZOA	Capital (CAPO)	Sacramento (SAC)	STAR	San Jose
ZOA	El Nido (HYP)	Coaldale (OAL) Mustang (FMG)	STAR STAR	San Jose San Jose
ZOA	Jawws (JAWWS)	Coaldale (OAL) Mustang (FMG) Avenal (AVE) San Marcos (RZS)	STAR STAR STAR STAR	San Jose San Jose San Jose San Jose
ZOA	Robie (ROBIE)	Avenal (AVE) San Marcos (RZS)	STAR STAR	San Jose San Jose
ZOA	Oakey (OAKEY)	Clovis (CZQ) Coaldale (OAL) Mina (MVA)	STAR STAR STAR	Travis AFB Travis AFB Travis AFB

**APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES (STARs)**

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZOA	Seato (SEATO)	Fuell (FUELL)	STAR	Travis AFB
		Red Bluff (RBL)	STAR	Travis AFB
		Scaggs Island (SGD)	STAR	Travis AFB
		Mendocino (ENI)	STAR	Travis AFB
ZOA	Squaw Valley (SWR)	Squaw Valley (SWR)	STAR	Travis AFB
ZSE	Bonvl (BONVL)	Dufur (DUFUR)	STAR	Portland
ZSE	Moxee (MOXEE)	Moxee (MOXEE)	STAR	Portland
ZSE	Chins (CHINS)	Suned (SUNED)	STAR	Seattle
ZSE	Glasr (GLASR)	Templ (TEMPL)	STAR	Seattle
ZSE	Olympia (OLM)	Battle Ground (BTG)	STAR	Seattle
ZSE	Hilie (HILIE)	Mullan Pass (MLP)	STAR	Spokane
ZSE	Zoomr (ZOOMR)	Ephrata (EPH)	STAR	Spokane
		Moses Lake (MWH)	STAR	Spokane
ZTL	Rome (RMG)	Bowling Green (BWG)	STAR	Atlanta Intl.
		Memphis (MEM)	STAR	Atlanta Intl.
		Nashville (BNA)	STAR	Atlanta Intl.
ZTL	Unarm (UNARM)	Atlanta (ATL)	STAR	Charlotte Intl.
		Colliers (IRQ)	STAR	Charlotte Intl.
ZTL	Brook (BROOK)	Glade Spring (GZG)	STAR	Greensboro
		Spartanburg (SPA)	STAR	Greensboro
ZTL	Smokn (SMOKN)	Pulaski (PSK)	STAR	Greensboro Winston-Salem