

# Advisory Circular

U S Department  
of Transportation

Federal Aviation  
Administration

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**Subject:** NATIONAL ROUTE PROGRAM

**Date:** April 15, 1998  
**Initiated by:** ATO-200

**AC No:** 90-91B  
**Change:**

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1. **PURPOSE.** This **Advisory Circular** provides **guidance** to users of the National Air-space System **for participation** in the **National Route Program (NRP)**
  2. **CANCELLATION.** **Advisory Circular 90-91A**, dated May 13, 1996, **National Route Program, is cancelled**
  3. **BACKGROUND.** **AU flights** operating at or above **FL290**, within the **conterminous** United States, regardless of **city pair**, are **eligible to participate in** the **NW**. **Additionally, international flights to destinations within** the **conterminous** United States, are **eligible to participate in the NRP within specific guidelines and filing requirements**
  4. **REQUIREMENTS.**
    - a. This program **allows aircraft operators to select minimum time/cost routes for NRP flights**
    - b. **NRP aircraft** are not **subject to route limiting restrictions** (e.g., published preferred **instrument flight rules (IFR) routes**) beyond a **200 NM radius of their point of departure (egress)** or **within a 200 NM radius of their destination (ingress)**
  5. **PROCEDURES.**
    - a. Flights should be filed and flown **via Standard Instrument Departures (SID), Standard Terminal Arrival Routes (STAR), or published preferred IFR routes** for at least that **portion of flight which is within 200 NM from the point of departure (egress) or destination (ingress)**, (except as **stated in paragraph 5b** below) **If the procedure(s) above are less than 200 NM, published airways may be used for the remainder of the 200 NM**. If published **procedure(s)** do not **exist**, published **airways** may be used for the **entire 200NM**
    - b. Flights may be **filed and flown on the complete transition of SID's and/or STAR's** for the **en-route areas listed in the Appendix 1, Standard Instrument Departures, and Appendix 2, Standard Terminal Arrival Routes, in lieu of the 200 NM ingress/egress filing requirements described in paragraph 5a** above
    - c. **Flights** should not be **filed via SID/STAR transitions outside of United States domestic airspace, including transitions within Canadian airspace and offshore transition areas (12 miles or more off the United States shoreline)**

d Operators should ensure that **the route of flight contains** no less than one **navigation aid (NAVAID)** or waypoint (in the **fix radial distance (FRD)** format) **in** each delegated area of **airspace jurisdiction** for each **Air Route Traffic Control Center (ARTCC)** in **which a direct route segment traverses**. **These NAVAID's or waypoints must be located within 200 NM of the preceding ARTCC's boundary**. **Additional route description fixes** for each waypoint should be **defined**.

e Operators should ensure that the route **avoids** active **restricted** areas and **prohibited areas** **by at least 3 NM unless permission has been obtained from the using agency to operate in that airspace and the appropriate air traffic control facility has been advised**

f Operators should ensure that **"NRP"** is entered in the remarks **section** of each flight plan

**NOTE** **"NRP"** will be **retained** in the remarks **section** of the **flight plan** if the aircraft is moved due to weather, **traffic**, or other **tactical** reasons. **In these situations**, every effort will be made to ensure the **aircraft is returned** to the **original filed flight plan/altitude** as soon as **conditions permit**. **If the route of flight is altered due to pilot requested or controller initiated direct route**, **"NRP"** will be removed from the remarks **section** of the **flight plan**

g. Operators should not **file** an **NRP** route that **conforms** to published **preferred IFR route(s)**

h. **Aircraft** that **file** westbound, through **Canadian airspace** east of **Sault St Marie (SSM)**, to **destinations within the conterminous United States**, should file over one of the **following inland** fixes to be eligible to **participate** in the NRP: **SSM, TAFFY, EBONY, ALLEX, TOPPS, TUSKY, YXU, and QUBIS**

i. **International operators filing through Canadian airspace west of SSM** may utilize any **inland navigation fix** west of SSM **within 30 NM** of the common **Canada/United States airspace geographical boundary** to be **eligible to participate in the NRP**

j. **NRP flights** should be **flight planned** so as to penetrate **Canadian airspace only** via published preferred **IFR** routes

k. **Flights not meeting the guidelines contained within this Advisory Circular** are to be **requested** through the non-preferred route programs. **Those requests will be approved/disapproved on a workload-permitting basis**



Jeff Griffith

Program Director for  
Air Traffic Operations

## APPENDIX 1. STANDARD INSTRUMENT DEPARTURES

<b>RTCC</b>	<b>SID NAME</b>	<b>TRANSITION</b>	<b>PROCEDURE</b>	<b>AIRPORT AREA</b>
ZDV	Denver Three	Rock Springs (OCS) Meeker (EKR) Red Table (DBL) Grand Junction (JNC) Blue Mesa (HBU) Pueblo (PUB) Garden City (GCK) Goodland (GLD) Hayes Center (HCT) Sidney (SNY) Cheyenne (CYS) Laramie (LAR)	Vector Vector vector Vector Vector Vector Vector Vector Vector Vector Vector Vector	Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl Denver Intl
ZDV	Pikes Two (PIKES2)	Pueblo (PUB) Alamosa (ALS)	Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco
ZDV	Plains Two (PLAIN2)	Garden City (GCK) Goodland (GLD) Hayes center (HCT) McCook (MCK)	Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Denver/Jeffco Denver/Jeffco Denver/J&co Denver/J&co
ZDV	Rockies Three (ROCKI3)	Blue Mesa (HBU)  Dove Creek (DVC) Kremmling (RLG) Meeker (EKR) Red Table (DBL)	Pilot Nav  Pilot Nav Pilot Nav Pilot Nav Pilot Nav	Denver/Jeffco  Denver/Jeffco Denver/Jeffco Denver/Jeffco Denver/Jeffco
ZDV	Yellowstone One (YELLOW1)	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
ZLC	Fairfield Three (FFU3)	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

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ARTCC	SID NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZLC	Jazz One (JAZZ1)	Mina (MVA)	Vector	salt Lake City
ZLC	Milford Two (MLF2)	Milford (MLF) Coaldale (OAL)	Pilot Nav Pilot Nav	Salt Lake City Salt Lake City
ZLC	Oquirrh One	Mina (MVA)		
ZLC	Salt Lake Five (SLC5)	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
ZAB	Largo Two (LARGO2)	Farmington (FMN)  Gallup (GUP) Zuni (ZUN)	Pilot Nav  Pilot Nav Pilot Nav	Albuquerque  Albuquerque Albuquerque
ZAB	Albuquerque One	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 Vector	Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque
ZMP	Minneapolis Six	Aberdeen (ABR)  Grand Forks (GFK)  Fargo (FAR)  Brainerd (BRD)	Vector  Vector  Vector  Vector	Minneapolis-St Paul Intl Minneapolis-St Paul Intl Minneapolis-St Paul Intl Minneapolis-St Paul Intl

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<b>ZMP</b>	<b>Minneapolis Six</b>	<b>Duluth (DLH)</b>	vector	<b>Minneapolis-St Paul Intl</b>
		<b>Green Bay (GRB)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>Nodine (ODI)</b>	vector	<b>Minneapolis-St Paul Intl</b>
		<b>Dells (DLL)</b>	vector	<b>Minneapolis-St Paul Intl</b>
		<b>Rochester (RST)</b>	vector	<b>Minneapolis-St Paul Intl</b>
		<b>Des Moines (DSM)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>Kansas City (MKC)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>Fort Dodge (FOD)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>St Joseph (STJ)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>O'Neill (ONL)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>SIOUX Falls (FSD)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
		<b>Rapid City (RAP)</b>	Vector	<b>Minneapolis-St Paul Intl</b>
<b>ZMP</b>	<b>Same One</b>	<b>Green Bay (GRB)</b>	Vector	<b>Minneapolis-St Paul Intl</b>

## APPENDIX 2. STANDARD TERMINAL ARRIVAL ROUTES

ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZDV	Dandd One (DANDD1)	Oathe (OATHE) Rylie (RYLIE)	STAR STAR	Denver Denver
ZDV	Landr One (LANDR1)	Scottsbluff (BFF) Sidney (SNY)	STAR STAR	Denver Denver
ZDV	Larks One (LARKS1)	Alamosa (ALS) Farmington (FMN)	STAR STAR	Denver Denver
ZDV	Powdr Two (POWDR2)	Blue Mesa (HBU) Grand Junction (JNC)	STAR STAR	Denver Denver
ZDV	Quail One (QUAIL1)	Lamar (LAA) Todde (TODDE)	STAR STAR	Denver Denver
ZDV	Ramms One (RAMMS1)	Medicine Bow (MBW)	STAR	Denver
ZDV	Sayge One (SAYGE1)	North Platte (LBF)	STAR	Denver
ZDV	Tomsn One (TOMSN1)	Meeker (EKR) Hayden (CHE)	STAR STAR	Denver Denver
ZLC	Bearr Three (BEARR3)	Burley (BYI) Pocatello (PIH)	STAR STAR	Salt Lake City Salt Lake City
ZLC	Bingham City One (LHO1)	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 Three (SPAN3)	Myton (MTU) Helpr (HELPR)	STAR STAR	salt Lake City Salt Lake City
ZAB	Curly Two (CURLY2)	Gallup (GUP) Taner (TANER)	STAR STAR	Albuquerque Albuquerque

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ARTCC	STAR NAME	TRANSITION	PROCEDURE	AIRPORT AREA
ZAB	Friho Three (FRIHO3)	Espan (ESPAN) Las Vegas (LVS)	STAR STAR	Albuquerque Albuquerque
ZAB	Lavan Three (LAVAN3)	St Johns (SJN) Zuni (ZUNI)	STAR STAR	Albuquerque Albuquerque
ZAB	Miera Two (MIERA2)	Chisum (CME) Texco (TXO) Tucumcari (TCC)	STAR STAR STAR	Albuquerque Albuquerque Albuquerque
ZMP	Eau Claire Three (EAU3)	Green Bay (GRB)  Badger (BAE)	STAR  STAR	Minneapolis-St Paul Intl  Minneapolis-St Paul Intl
ZMP	Kaspr Two (KASPR2)	Fort Dodge (FOD)  Mason City (MCW) Waterloo (ALO)	STAR  STAR STAR	Minneapolis-St Paul Intl Minneapolis-St Paul Intl Minneapolis-St Paul Intl
ZMP	Gopher Three (GEP3)	Alexandria (AXN)  Braunerd (BRD)  Fargo (FAR)	STAR  STAR STAR	Minneapolis-St Paul Intl Minneapolis-St Paul Intl Minneapolis-St Paul Intl
ZMP	Sketr One (SKETR1)	Redwood Falls (RWF)	STAR	Minneapolis-St Paul Intl

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