



Federal Aviation
Administration



Facility Orientation Guide

DENVER ARTCC





Dear New Employee,

Welcome to Denver Air Route Traffic Control Center (ARTCC) (ZDV).

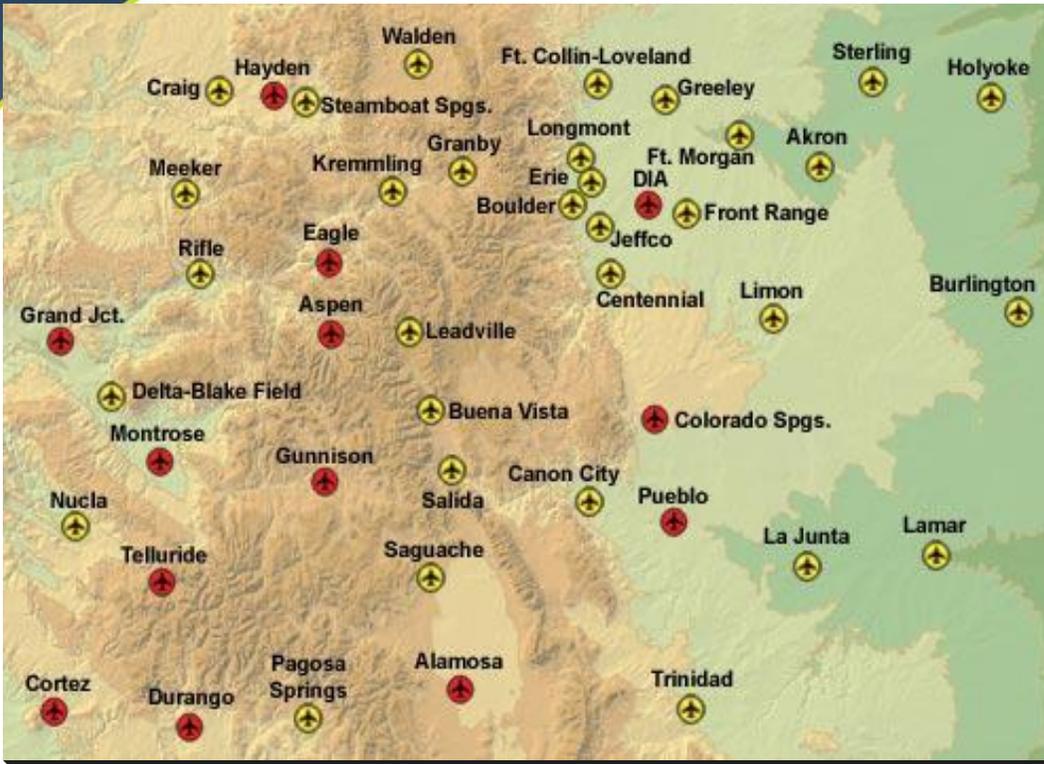
Located near the foothills of the Rocky Mountains, ZDV is a challenging and fulfilling place to work. Winner of the 2006 National En Route Facility of the Year award (a prize last awarded in 2008), the men and women who make up the highly skilled and motivated workforce are here to help you develop your skills and ensure you have every opportunity to succeed in your new profession. Through your dedication and hard work, you have proven that you have the aptitude it takes to become an Air Traffic Controller. Now it is time to begin your journey to achieve the ultimate goal of becoming a Certified Professional Controller and making a positive impact on our team for years to come.

Each one of us looks forward to meeting you and helping make your transition here as enjoyable an experience as possible. When you arrive, you will be greeted by someone who can answer your questions, provide input, or discuss any issues you may have. It is our intent to treat you with respect and honesty, and provide you with the information necessary to achieve your goals. We hope that after a short time here you will be as proud of our facility as we are.

We look forward to working with you and wish you the best of luck in your career with the Federal Aviation Administration.

Sincerely,

Rebecca C. Scudder
Air Traffic Manager
Denver Air Route Traffic Control Center



Airports within Colorado (red icons indicate airports with commercial flights). This graphic is not all-inclusive.

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Note: All websites were current and active at the time this guide was last updated. ZDV is not responsible for out-of-date websites or misinformation.



ZDV INFORMATION



ZDV is part of the FAA's Air Traffic Organization and employs over 400 people, with roughly 300 being Air Traffic Controllers.

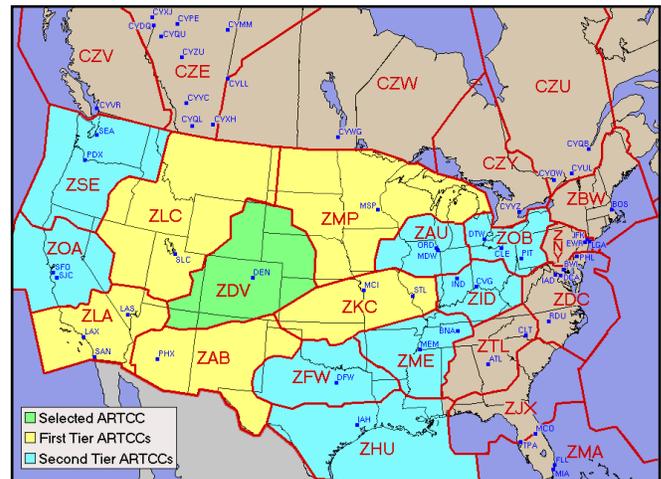


The original ZDV was commissioned on March 1, 1942, and was located at the Denver Stapleton Municipal Airport. A small staff of 12 Air Traffic Control Specialists made up the work force at that time.



The current facility is located in the northern portion of Longmont, Colorado, and was completed in 1962. Longmont is a medium-sized city located along the Front Range of the Rocky Mountains, approximately 30 miles north of Denver. A full range of sports, recreation, and leisure activities are located within the city or only a short drive away. Additional information about the local area is included later in this package.

ZDV encompasses approximately 285,000 square miles of airspace over portions of nine states: Arizona, Colorado, Kansas, Montana, Nebraska, New Mexico, South Dakota, Utah, and Wyoming. In addition to numerous regional airports, ZDV overlies the Terminal Radar Approach Control (TRACON) facilities at Aspen, Casper, Cheyenne, Colorado Springs, Denver, Grand Junction, Pueblo, and Ellsworth Air Force Base (AFB) at Rapid City.



Adjacent en route facilities, a.k.a. our first-tier facilities, include Albuquerque, Kansas City, Los Angeles, Minneapolis, and Salt Lake City ARTCCs.



MAJOR COMMERCIAL AIRPORTS WITHIN ZDV



**Denver International
Airport**



**Colorado Springs
Airport**

MAJOR MOUNTAIN AIRPORTS WITHIN ZDV



**ASPEN-PITKIN
COUNTY AIRPORT**



**EAGLE COUNTY
AIRPORT**



RIFLE AIRPORT



TELLURIDE AIRPORT



FACILITY OVERVIEW

With ZDV airspace being located near the center of the continental United States (CONUS), we are involved with a major portion of the intercontinental route structure and volume. Through strategic Letter of Agreement (LOA) procedures and tactical Traffic Management Initiatives (TMIs), we assist in the safe, orderly, and expeditious flow of air traffic to many major terminal areas, both in our airspace and in other ARTCCs' airspace.

ZDV faces many seasonal volume and weather challenges; every airport can be impacted with reduced arrival rates and delays in any season. During the summer months our airspace is often plagued by scattered and/or long lines of thunderstorms. These not only impact major traffic routes but also affect operations in and around our airports. Winter challenges include hazardous flying conditions in both the mountains and the plains. That time of year also brings travelers to the many ski resorts in the western half of ZDV's airspace, again challenging the entire facility with increased traffic and complexity.

Denver International Airport (DEN) is, by land size, the largest commercial airport in the United States. Runway 16R/34L is the longest public use runway in the United States (16,000 feet, or more than 3 miles). DEN is currently the 5th busiest airport in the nation and Denver TRACON (D01) is the 10th busiest TRACON.

D01 operates on a cornerpost system: departing aircraft exit D01 airspace on the cardinal directions (N, S, E, W) and arrivals enter via the quadrant corners (NE, NW, SE, SW). Also included within D01 airspace is Denver Centennial Airport (APA), one of the busiest general aviation airports in the country.

ZDV handles an average of over 1,800,000 aircraft per year, ranking ZDV as the 14th busiest ARTCC in the United States. ZDV has six areas of specialization. Four out of the six areas have both low altitude and high altitude sectors, but ZDV is unique in that it has one area that has only low altitude sectors (they specialize in mountainous terrain operations) and another that has only high altitude sectors (they specialize in high altitude/high speed sequencing). The low altitude area was designed to work aircraft in and out of the many airports that serve Colorado's mountain towns and ski resorts. The high altitude area sequences for DEN, as well as Las Vegas (LAS), Los Angeles (LAX), and Phoenix (PHX) area airports.

As previously mentioned, ZDV was awarded the 2006 En Route & Oceanic Facility of the Year Award for outstanding achievement in Safety, Resource Management, and Time to Certified Professional Controller.



En Route Automation Modernization (ERAM) is the foundation for the Next Generation Air Transportation System (NextGen), and ZDV is doing its part to move NextGen forward.

Multi-lateration (multi-lat)/Automatic Dependent Surveillance-Broadcast (ADS-B) technology has been used with great success in Alaska. ZDV is pioneering its use in CONUS. In addition to our many standard radar sites, ZDV uses multi-lat/ADS-B technology to add surveillance capabilities in various locations in mountainous terrain where radar coverage was previously unavailable. This relatively new technology presents to controllers like radar, i.e., it displays an aircraft's location, and allows ZDV controllers to provide radar services in a number of areas which had previously been exclusively non-radar. The locations where this new surveillance capability has been incorporated into our system include a number of busy mountain airports and their surrounding airspace. More locations are planned to be added in the near future.

Over the next few years you will learn, in depth, the traffic flows and procedures at ZDV and in your Area of specialization. The management team at ZDV is dedicated to providing you with the best training and tools to successfully complete this process.



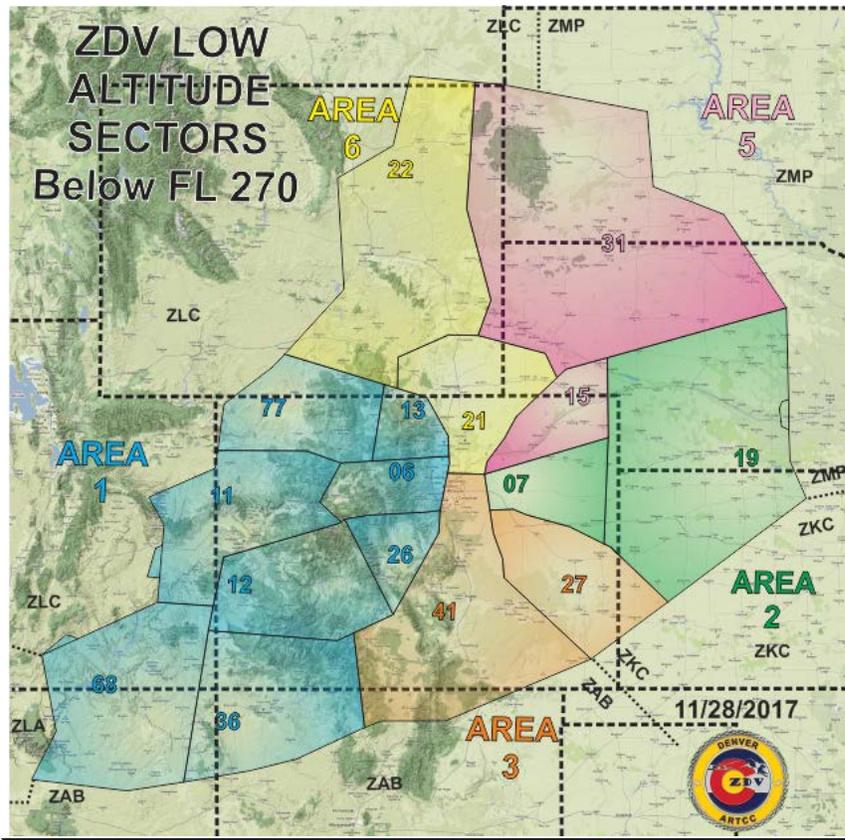
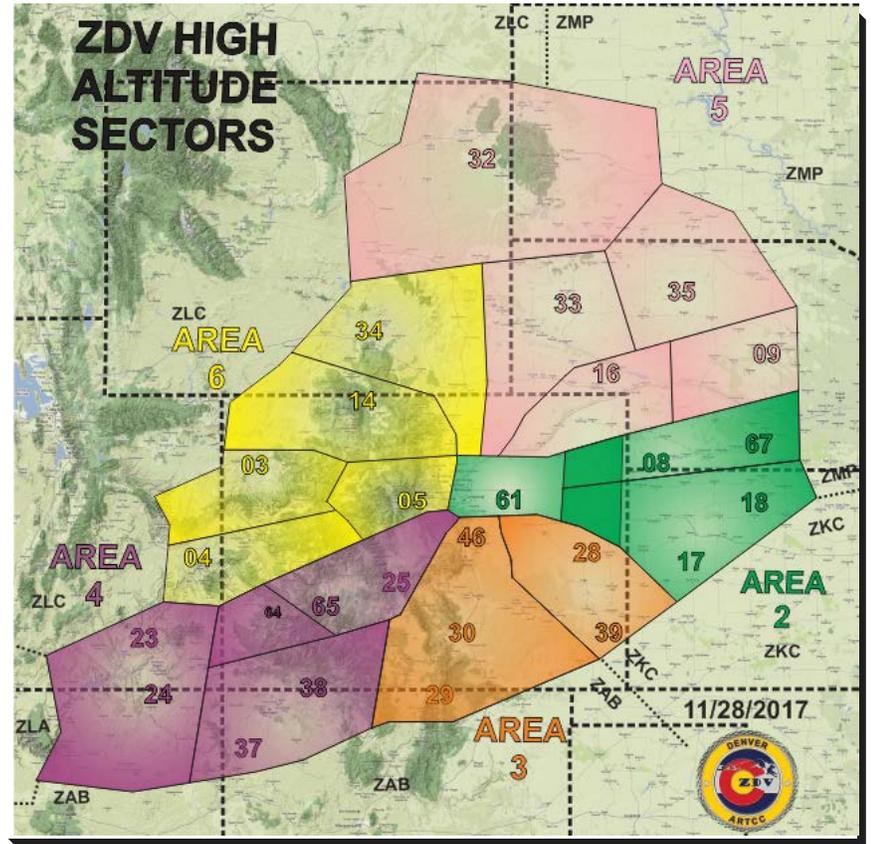
ZDV employee dining room
and break room.

Yolkin' Around
Full service cafeteria
Mon-Fri 0630L-1400L



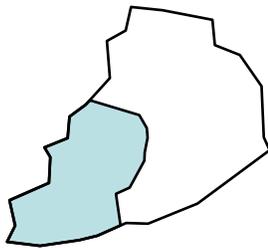
**Employee Workout
Room**



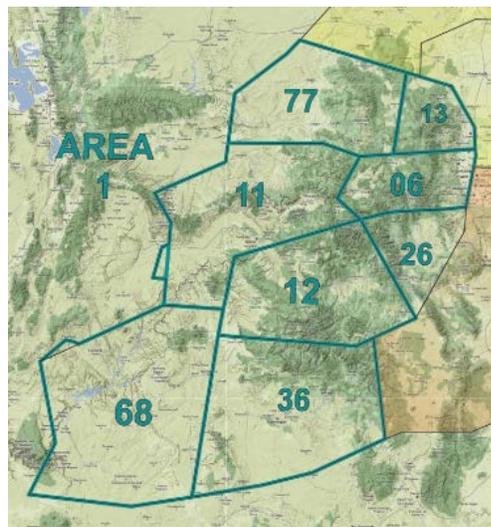


While all areas must act together as one team, each area is unique.

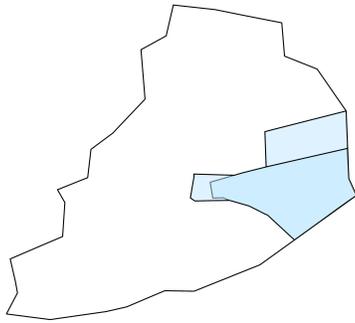
AREA 1



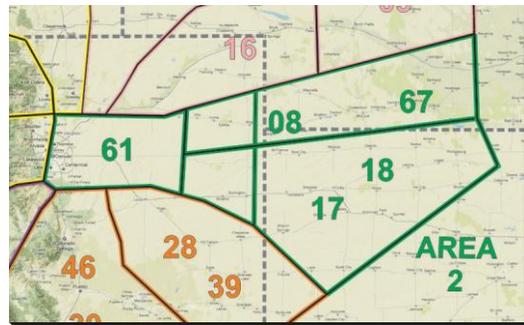
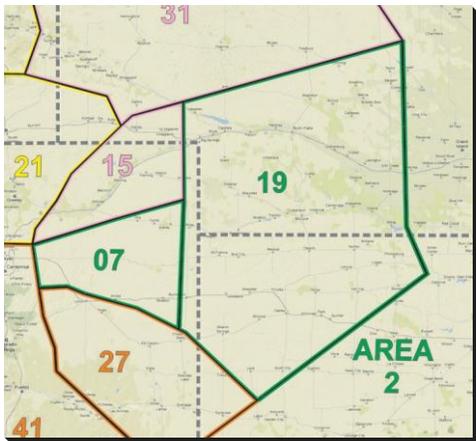
AREA INFORMATION: Comprised entirely of low altitude airspace (at and below [AAB] FL260) in the mountainous areas west and southwest of DEN, Area 1 serves arrival and departure traffic in and out of the major ski country airports, e.g., Aspen, Durango, Eagle, Farmington, Grand Junction, Gunnison, Hayden, Rifle, and Telluride, as well as the Aspen and Grand Junction TRACONS. This Area also includes sectors that provide final sequencing into D01 for the northwest and southwest arrival gates, and works the west departure gate from D01.



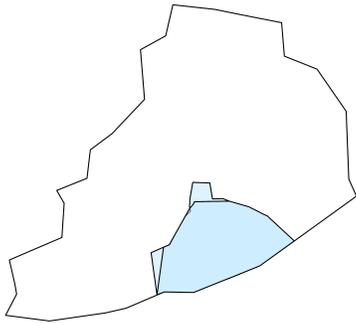
AREA 2



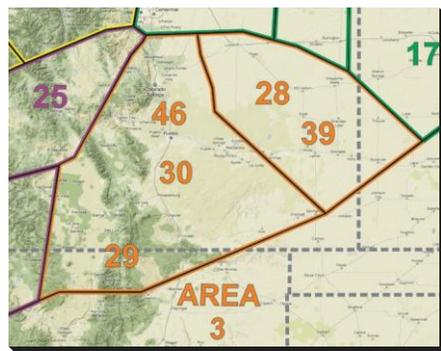
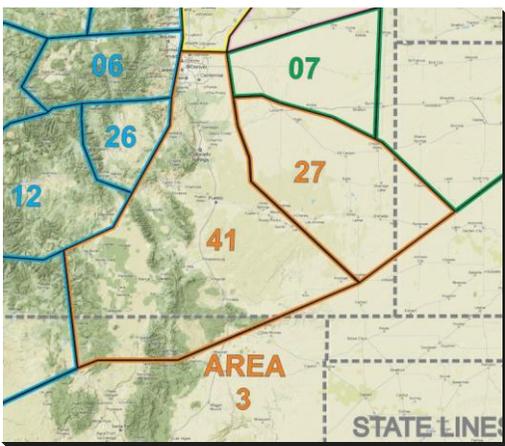
AREA INFORMATION: Area 2 is a combination of both low altitude and high altitude airspace (at and above [AAA] FL270) which encompasses the east departure gate from D01. The low altitude sectors serve the airspace/airports in the plains to the east of the Rocky Mountains. This entire Area is often impacted in the summer by lines of thunderstorms that can stretch for several hundred miles from north to south.



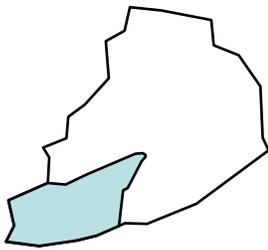
AREA 3



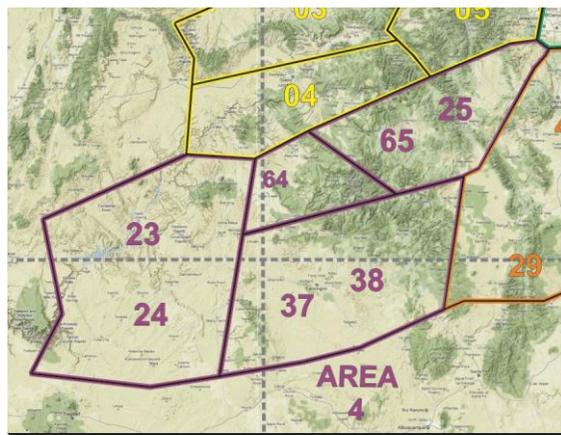
AREA INFORMATION: Area 3 is a combination of both low altitude and high altitude airspace that encompasses the south departure gate and southeast arrival gate for D01. Area 3 controllers also work aircraft in and out of the Colorado Springs and Pueblo TRACONS. Contained within this Area is a large amount of Special Use Airspace (SUA) used for training military pilots. During the summer months, Area 3 operations are often impacted by significant weather as it forms along the Front Range and moves east of the Rocky Mountains.



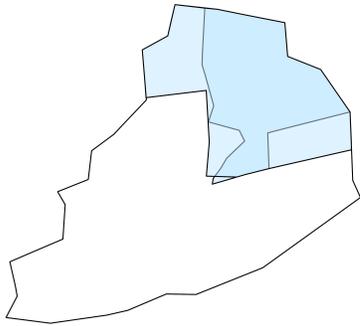
AREA 4



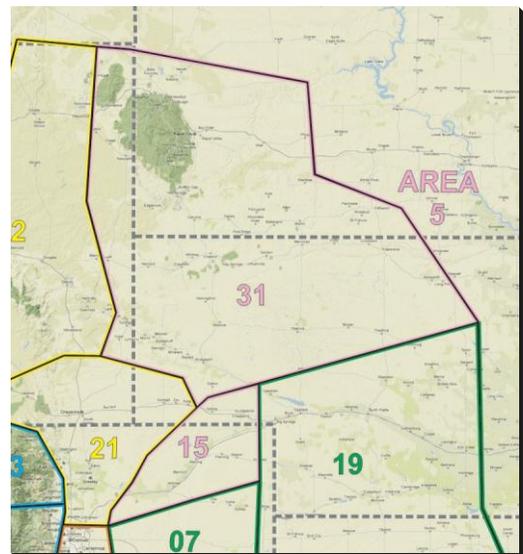
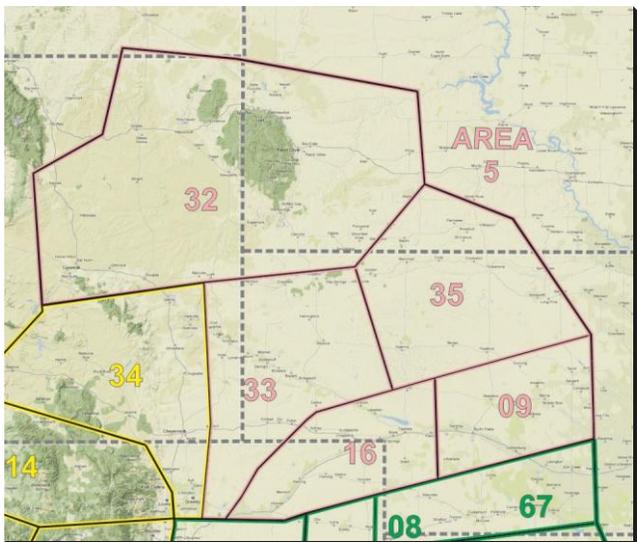
AREA INFORMATION: Comprised entirely of high altitude airspace, Area 4 provides the initial sequencing for DEN arrivals from the southwest, as well as final sequencing for TMI to LAS, LAX, and PHX area airports. Area 4 overlies many of the busy ski country airports.



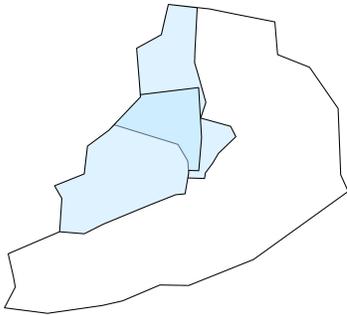
AREA 5



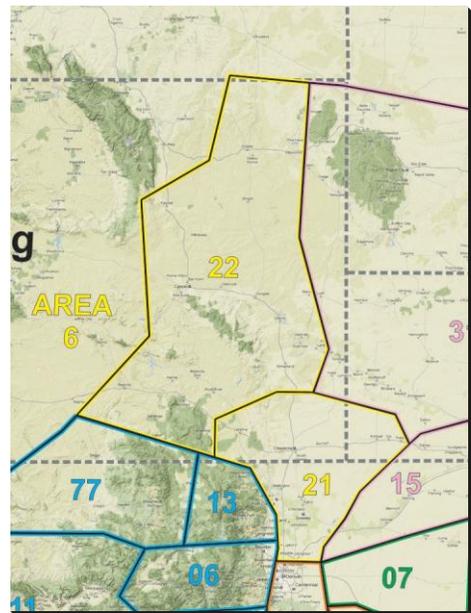
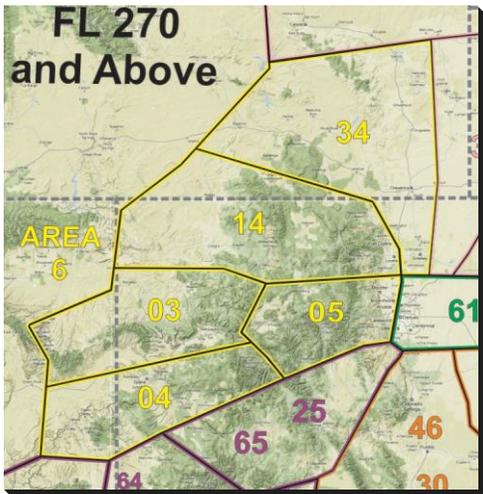
AREA INFORMATION: A combination of both low altitude and high altitude airspace, Area 5 controls the airspace surrounding the TRACON at Ellsworth AFB. Between the AFB and the nearby SUA, traffic in Area 5 includes a high volume of military traffic. This Area also encompasses the northeast arrival gate for D01 and is actively involved in TMIs for aircraft proceeding to airports east of ZDV.



AREA 6



AREA INFORMATION: Area 6 works a combination of low altitude and high altitude airspace and overlies many of the busiest ski country airports. Area 6 provides the initial sequencing for DEN arrivals from the northwest and works the north departure gate from D01. This Area also controls the airspace around the TRACONS at Casper and Cheyenne, both located in Wyoming.





LONGMONT AND SURROUNDING AREAS



The city of Longmont retains a small town feeling and most areas of the city can be reached within a 20-minute drive from ZDV. In addition to Longmont, the entire Front Range is full of activities and places to see. An hour's drive (or less) gets you to most areas of the Front Range: Denver, Denver International Airport, www.flydenver.com, Rocky Mountain National Park (Estes Park), www.nps.gov/romo/, and numerous other areas. Visit www.coloradofrontrange.com for more information. City-specific travel times and mileage estimates are listed on page 19.





Below is a list of informational sites for Longmont and some of the surrounding communities. While lengthy, it is not meant to be all-inclusive.

1. General information about the City of Longmont

The Longmont Community Connection site includes information covering various topics, including recreation, entertainment, restaurants, bus schedules, taxi, airport transportation, and much more:
www.ci.longmont.co.us

2. Additional city information

- a. City of Longmont government site - www.ci.longmont.co.us
- b. City of Fort Collins government site - www.fcgov.com
- c. City of Loveland government site - www.ci.loveland.co.us
- d. City of Boulder government site - www.ci.boulder.co.us
- e. City of Broomfield government site - www.ci.broomfield.co.us
- f. Longmont Chamber of Commerce - www.longmontchamber.org
- g. The City of Longmont Utilities - www.ci.longmont.co.us/services.htm
- h. Colorado Motor Vehicles - www.co.boulder.co.us/clerk/motorvehicles
- i. Longmont city map - www.ci.longmont.co.us/about/pdfs/CityMap_1.pdf

3. Banks

- a. Bank of the West - www.bankofthewest.com
- b. Elevations Credit Union - www.elevationscu.com
- c. First Bank - www.efirstbank.com
- d. SkyOne Federal Credit Union - www.skyone.org
- e. US Bank - www.usbank.com
- f. Wells Fargo Bank - www.wellsfargo.com

4. U.S. Post Office - www.usps.com

- a. Main office – 201 Coffman St, Longmont, 303-776-2387
- b. Main Street (inside Ace Hardware Store) – 1727 Main St., 303-776-5173
- c. West of ZDV – 11830 N 75th St, Longmont, 303-776-1605

5. Local Hotels:

www.hotel-guides.us/colorado/longmont-co-hotels.html

Note that the City of Longmont is located 6 miles west of I-25.

You may use either exit 243 for HWY 66 (to Longmont, Lyons, Estes Park, and Rocky Mountain National Park - this is the north side of Longmont), or exit 240 for HWY 119 (to Longmont, Boulder - this is the south side of Longmont).



6. Longmont Schools

- a. St. Vrain School District - www.stvrain.k12.co.us
- b. Faith Baptist School - www.fbslongmont.org
- c. Longmont Christian School - www.longmontchristian.org
- d. Messiah Lutheran Church and School/Preschool - mlcslongmont.org
- e. Mountain Peak Private School - www.mountainpeakschool.com
- f. Rocky Mtn. Christian Academy - www.rmcaonline.org
- g. St. John the Baptist Catholic School - www.johnthebaptist.org
- h. Shepherd Valley Waldorf School - www.shepherdvalley.org
- i. Twin Peaks Charter - www.twinpeakscharter.org

7. Longmont Daycare Options

- a. Junior Jets - Junior Jets Daycare is located on ZDV property. More information on next page. Their contact information is:
Junior Jets Child Development
2175 17th Ave, Longmont, CO 80501
720-652-6626
- b. Early Learning Center - www.elckids.com
- c. KinderCare Learning Center - www.kindercare.com
- d. Messiah Lutheran Church and School/Preschool - www.mlcslongmont.org
- e. Scribbles Academy - www.myscribbleskid.com
- f. Sunset Academy - www.sunsetacademy.com
- g. YMCA - www.longmontymca.org

8. Malls

- a. Boulder - www.twentyninth.com
- b. Broomfield - www.flatironcrossing.com
- c. Longmont - www.villageatthepeaks.com
- d. Loveland - www.outletsatloveland.com
- e. Loveland - www.promenadeshopsatcenterra.com/

9. Longmont Gyms

- a. YMCA - www.longmontymca.org
- b. Longmont Athletic Club - www.longmontathleticclub.com
- c. Longmont Recreation Center -
www.longmontcolorado.gov/departments/departments-n-z/recreation-services
 - Corporate rate available for government employees



Federal Aviation
Administration



Junior Jets Child Development
2175 17th Ave, Longmont, CO 80501
720-652-6626

Junior Jets Child Development Center is accredited by the National Association for the Education of Young Children (NAEYC) and is a ColoradoShines Level 4 facility. Certifications include Breast Feeding Friendly GOLD, Lactation Consultant, and HEAL (Healthy Eating Active Living).



Child care programs include Infants (ratio 1:5); Toddler I (1:5); Toddler II (1:7); Preschool I & II (1:10) and Pre-Kindergarten (1:12)

JUNIOR JETS MISSION STATEMENT

Junior Jets Child Development Center is committed to enriching the quality of family life by providing peace of mind to parents and families and by enhancing the life experiences of the children in our care. Our philosophy reflects our commitment to creating programs that attune to the developmental needs of children. We are devoted to setting and maintaining the highest standards that reflect innovative thinking in early childhood education.



<http://www.juniorjets.org/>



ADDITIONAL AREA INFORMATION



1. General travel distances and average time:

Any area in Longmont can generally be reached within 20 minutes. Here are a few examples of several communities within a reasonable commuting area (this list is not all-inclusive).

 - a. South
 - 1) Denver - 37 miles - 45 minutes
 - 2) Broomfield - 18 miles - 30 minutes
 - 3) Lafayette/Louisville - 13 miles - 20 minutes
 - b. Southwest
 - 1) Boulder - 16 miles - 20-25 minutes
 - 2) Nederland - 31 miles - 60 minutes
 - c. North
 - 1) Berthoud/Loveland - 15-20 miles - 15-30 minutes
 - 2) Fort Collins - 41 miles - 45 minutes
2. Apartment websites:
 - a. www.apartmentratings.com/rate/CO-Longmont.html
 - b. www.rent.com/colorado/longmont-apartments/2-210
 - c. www.zillow.com/longmont-co/apartments/
3. General winter weather travel conditions:

Every once in a while the area experiences a severe storm with lots of snowfall and hazardous driving conditions. However, in general, snow storms are short-lived (a day or two). Local communities are good at clearing public access roads, and the state keeps the main highways in good condition. Harsh weather conditions, including snow and ice, can quickly dissipate. Unless you travel in the foothills of the mountains (above about 6,000 feet), 4WD is helpful but not necessary to navigate normal winter storms.



The entire Front Range is home to all kinds of outdoor activities. Here are a few sites for your information.

- Colorado golf courses - www.golfcolorado.com
- Colorado ski resorts - www.coloradoski.com
- Colorado Outdoor Recreation Information Center - www.oriconline.org
- Colorado hiking and biking information - www.coloradoguide.com
- Colorado Division of Wildlife - www.wildlife.state.co.us



Garden of the Gods
www.gardenofgods.com

U.S. Olympic Training Center
[www.teamusa.org/about-usoc/
colorado-springs-olympic-training-ctr](http://www.teamusa.org/about-usoc/colorado-springs-olympic-training-ctr)



United States Air Force Academy
www.usafa.af.mil



SPORTS

There are many major and minor league sports teams whose arenas are just a short drive from the Longmont area. Below is a partial list.

The public bus system, Regional Transportation District (RTD), also provides special rides (BuffRide, BroncosRide, RockiesRide, and Ski-n-Ride to Eldora Mountain Ski Resort) - www.rtd-denver.com



1. Baseball: Colorado Rockies - www.rockies.mlb.com

2. Football: Denver Broncos (NFL) - www.denverbroncos.com



3. Hockey:
 - a. Colorado Avalanche (NHL) avalanche.nhl.com
 - b. Colorado Eagles (CHL – Loveland) – www.coloradoeagles.com

4. Basketball: Denver Nuggets (NBA) - www.nba.com/nuggets/
5. Soccer: Colorado Rapids - www.coloradorapids.com
6. Lacrosse: Colorado Mammoth - www.coloradomammoth.com

In addition to professional sports, many people attend events at the two largest Universities located along the Front Range.

1. The University of Colorado (Boulder) - www.cubuffs.com
2. Colorado State University (Fort Collins) - www.csurams.com





SOME LOCAL ATTRACTIONS

The greater Denver metro area has many museums and cultural centers that can be reached with just a short drive from the city of Longmont. A few of these places are included below:

Denver Information:

www.milehighcity.com

www.denver365.com

Butterfly Pavilion & Insect Center

Phone: 303-469-5441

Website: www.butterflies.org

Children's Museum of Denver

Phone: 303-433-7444

Website: www.mychildsmuseum.org

Denver Art Museum

Phone: 720-865-5000

Website: denverartmuseum.org

Denver Botanic Gardens

Phone: 720-865-3500

Website: www.botanicgardens.org

Denver Museum of Nature and Science

Phone: 303-322-7009

Website: www.dmns.org/main/en/

Downtown Aquarium

Phone: 303-561-4450

Website: www.downtownaquariumdenver.com

Molly Brown House Museum

Phone: 303-832-4092

Website: www.mollybrown.org/

Red Rocks Amphitheatre

Phone: 720-865-2494

Website: www.redrocksonline.com

The Denver Zoo

Phone: 303-376-4800

Website: www.denverzoo.org

Wings Over the Rockies Air and Space Museum

Phone: 303-360-5360

Website: www.wingsmuseum.org



DIRECTIONS AND PROCEDURES FOR YOUR FIRST DAY

ZDV's street address is 2211 17th Avenue, Longmont, CO 80501.
ZDV is situated between the two main north/south roads in the city:
Hover Road .25 mile to the west and Main Street 1.25 miles to the east.
Main Street is also known as US Highway 287.

1. Arrival time and security access procedures: You are expected to arrive at the facility at 0730L on your first day. Upon entering the facility grounds, turn left prior to the guard shack and park in the visitor parking lot. The guards will be expecting you. Once inside the guard shack, plan for about 10-15 minutes of processing. Once your processing is complete, they will call the Training Department to come escort you inside.
2. Facility orientation day:
 - a. Will take place during your first week
 - b. Will last about 4.5 hours
 - c. Will include a tour of the facility and introduction to members of the management team
3. Your administrative work schedule (prior to assignment to your operational Area and crew) will be Monday-Friday, 0700L-1530L.
4. If you require sick leave on your first day, contact either the Training Support Manager at 303-651-4317, or the Operations Manager-in-Charge at 303-651-4248, with your request. Please ensure you talk to a person and don't leave a message.

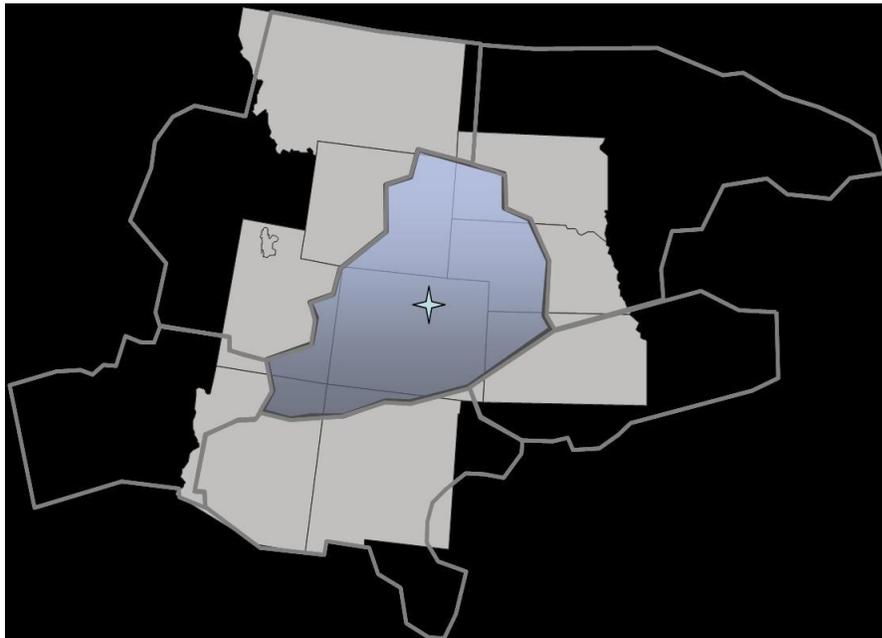
Please note the contact list contained on page 25 of this Facility Guide.

Contact anyone on this list if you have additional questions.



FREQUENTLY ASKED QUESTIONS

1. ***What is Change-of-Station (COS) Leave?*** The Air Traffic Manager, or his/her designee, may grant up to 64 work hours of change-of-station leave. This is an administrative or excused leave that still provides you pay, but does not reduce your personal leave balance. This leave can be taken up to 2 years from the date of your arrival and is intended to be used for various reasons to assist you as you change duty stations, e.g., moving your personal items from your previous home; setting up banks, utilities, driver's license, etc.; or needing to be at your new residence for deliveries. If you wish to request COS leave before your arrival, please contact the Training Administrator at 303-651-4317. You may also request additional time using your personal leave.
2. ***What about travel time from the Academy?*** You will be granted travel time in accordance with the current Memorandum of Understanding. At the time of this writing, that is one travel day per 500 miles, so from the Academy to ZDV, you are granted two travel days. No coordination is required between you and ZDV unless you are requesting any leave that would adjust the date of your expected arrival.
3. ***Which Area will I be assigned to?*** You will be advised which Area you will be assigned to after your arrival at ZDV. Until then, any tentative assignment is subject to change.
4. ***What should I study before I get to the facility?*** Arriving at ZDV without knowing any facility information is not a problem. You will be given the necessary information about ZDV airspace and plenty of self-study time to learn your Area's detailed information. If, however, you really want to look up some information before you arrive, you can check out the ZDV documents stored at the FAA Repository at <https://loa.faa.gov>, or airport and approach plate information at www.airnav.com.
5. ***How long does it take to become a CPC?*** The facility average for attaining CPC status is currently about three years. There are many variables which impact training durations and each new controller's experience and learning curve is unique. However, the facility does its best to move everyone's training along without unnecessary delay.
6. ***I am eligible for GI Bill benefits; what do I need to do?*** We will be handling the GI Bill benefits for you when you arrive at ZDV. The first thing we will need from you is a copy of your "Eligibility for Benefits" letter. When we have that, we will fill out the necessary forms and send everything to the VA along with the copy of your eligibility letter. The initial request for benefits requires original signatures from the beneficiary and from the approving official, so we will handle that when you arrive. Your benefit actually began the day you started at the Academy. The VA will pay for your time training there and continue until your benefit runs out or you achieve CPC status.



IMPORTANT CONTACTS AND NUMBERS

For questions about pay and benefits contact:

Employee Services Manager
303-651-4106

For questions about facility arrival date or training expectations contact:

Training Support Manager
303-651-4317

For questions about ZDV Operations and Areas contact:

Operations Manager Desk
303-651-4248

NATCA Facility Representative

303-651-4302