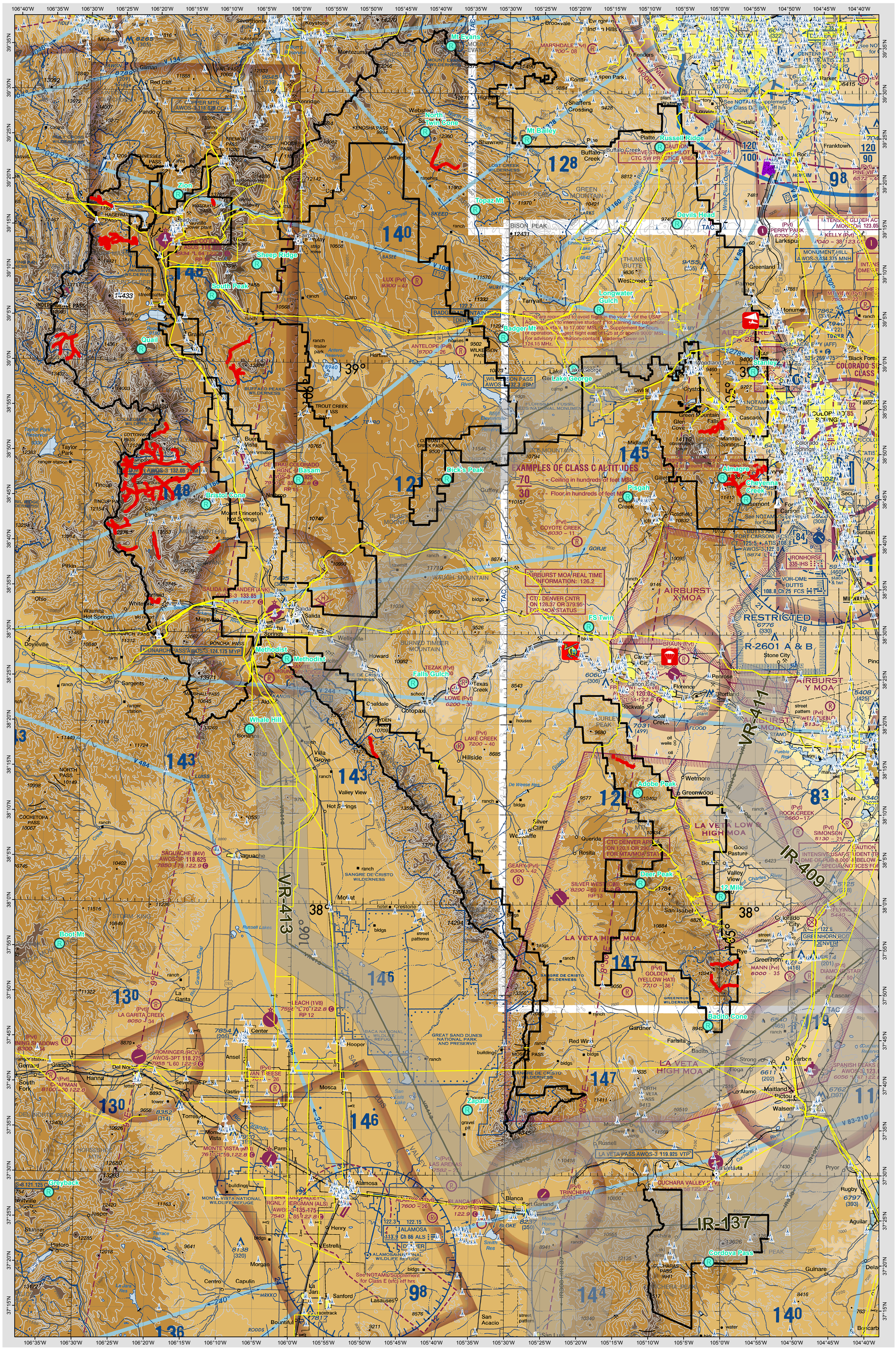
Pike and San Isabel National Forests Aviation Hazard Map



DENVER LEGEND

SOUTH — NORTH

Airports having Control Towers are shown in Blue, all others in Magenta. Consult Chart Supplement for details involving airport lighting, navigation aids, and services. All times are local. For additional symbol information refer to the Chart User's Guide.

AIRPORTS

- Other than hard-surfaced runways
- Hard-surfaced runways 1500 ft. to 8069 ft. in length
- Hard-surfaced runways greater than 8069 ft. or some multiple runways less than 8069 ft.
- Open dot within hard-surface runway configuration indicates approximate VOR, VOR-DME, DME or VORTAC location.
- Seaplane Base

All recognizable hard-surfaced runways, including those closed, are shown for visual identification. Airports may be public or private.

ADDITIONAL AIRPORT INFORMATION

- Private "(Pvt)" - Non-public use having emergency or landmark value
- Military - Other than hard-surfaced; all military airports are identified by abbreviations AFB, NAS, AAF, etc.
- Heliport Selected
- Unverified
- Abandoned - paved having landmark value, 3000 ft. or greater
- Ultralight Flight Park Selected

Fuel - available Mon thru Fri 10:00 A.M. to 4:00 P.M. depicted by use of ticks around basic airport symbol. Consult Supplement for details and for availability at airports with hard-surfaced runways greater than 8069 ft.

Rotating airport beacon in operation Sunset to Sunrise

OBJECTIONABLE - Airport may adversely affect airspace use.

AIRPORT DATA

Box indicates FAR 93 Special Air Traffic Rules & Airport Traffic Patterns. Runways with Right Traffic Patterns (public use) — RP Special conditions exist - see Supplement.

FSS — FAR 91 — NO SVFR — Location Identifier

NAME (NAM) (PNAM) — ICAO Location Indicator shown outside contiguous U.S.

CT - 118.3 ★ ATIS 123.8

285 L 72 122.95

RP 23, 34

VFR Advsy 125.0 — UNICOM

WX CAM — Weather Camera (AK)

AOE — Airport of Entry

FSS - Flight Service Station

NO SVFR - Fixed-wing special VFR flight is prohibited.

CT - 118.3 - Control Tower (CT) - primary frequency

★ - Star indicates operation part-time. See tower frequencies tabulation for hours of operation.

Ⓖ - Follows the Common Traffic Advisory Frequency (CTAF)

ATIS 123.8 - Automatic Terminal Information Service

AFIS 135.2 - Automatic Flight Information Service (AK)

ASOS/AWOS 135.42 - Automated Surface Weather Observing Systems (shown where full-time ATIS not available). Some ASOS/AWOS facilities may not be located at airports.

UNICOM - Aeronautical advisory station

VFR Advsy - VFR Advisory Service shown where full-time ATIS not available and frequency is other than primary CT frequency.

285 - Elevation in feet

L - Lighting in operation Sunset to Sunrise

*L - Lighting limitations exist; refer to Supplement.

72 - Length of longest runway in hundreds of feet; usable length may be less.

When information is lacking, the respective character is replaced by a dash. Lighting codes refer to runway edge lights and may not represent the longest runway or full length lighting.

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

Only the controlled and reserved airspace effective below 18,000 ft. MSL are shown.

- Class B Airspace
- Class C Airspace (Mode C - see FAR 91.215/AIM.)
- Class D Airspace
- Ceiling of Class D Airspace in hundreds of feet (A minus ceiling value indicates surface up to but not including that value.)
- Class E (sfc) Airspace
- Class E Airspace with floor 700 ft. above surface that laterally abuts Class G Airspace.
- Class E Airspace with floor 700 ft. above surface that laterally abuts 1200 ft. or higher Class E Airspace
- Class E Airspace with floor 1200 ft. or greater above surface that laterally abuts Class G Airspace
- CLASS G
- 2400 MSL / 4500 MSL — Differentiates floors of Class E Airspace greater than 700 ft. above surface.

Class E Airspace exists at 1200' AGL unless otherwise designated as shown above. Class E Airspace low altitude Federal Airways are indicated by center line. Intersection - Arrows are directed towards facilities which establish intersection.

132° — V 69 — 169

Total mileage between NAVAIDs on direct Airways Class E Airspace low altitude RNAV 2 Routes are indicated by center line.

T 319 — TK 313 (Helicopter Only) — RNAV Waypoint

- Prohibited, Restricted, and Warning Areas; Canadian Advisory, Danger, and Restricted Areas
- *Alert Area and Military Operations Area (MOA)

*Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface areas.

- Special Airport Traffic Area (See FAR 93 for details.)
- ADIZ - Air Defense Identification Zone
- MODE C (See FAR 91.215/AIM.)
- National Security Area
- Terminal Radar Service Area (TRSA)
- IR211 — MTR - Military Training Route

COMMUNICATION BOXES

122.1R 122.6 123.6 — OAKDALE — 362* 336.8 OAK

122.6 — CHICAGO CHI

Underline indicates no voice on frequency.

Crosshatch indicates Shutdown status.

★ - Operates less than continuous or On-Request.

Heavy line box indicates Flight Service Station (FSS). Frequencies 121.5, 122.2, 243.0 and 255.4 (Canada - 121.5, 126.7 and 243.0) are available at many FSSs and are not shown above boxes. All other frequencies are shown.

R - Receive only

- ASOS/AWOS
- HIWAS
- TWEB

FSS radio providing voice communication — 122.1R — MIAMI

Frequencies above thin line box are remoted to NAVAID site. Other FSS frequencies providing voice communication may be available as determined by altitude and terrain. Consult Supplement for complete information.

RADIO AIDS TO NAVIGATION

- VHF OMNI RANGE (VOR)
- VORTAC
- VOR-DME
- DME
- Other facilities, i.e., FSS Outlet, RCO, WX CAM (AK) (see Supplement), etc.
- Non-Directional Radio Beacon (NDB)
- NDB - DME

OBSTRUCTIONS

1000 ft and higher AGL

- Above 200 ft & below 1000 ft AGL (above 299 ft AGL in urban area)
- Wind Turbine
- Wind Turbine Farm — 2894' UC
- Group Obstruction
- Elevation of the top above mean sea level — 2049
- Height above ground — (1149)
- Under construction or reported: position and elevation unverified — UC
- Obstruction with high-intensity lights; may operate part-time
- NOTICE: Guy wires may extend outward from structures.

MISCELLANEOUS

- A - Aerobatic Practice Area (See Supplement.)
- G - Glider Operations
- H - Hang Glider Activity
- U - Ultralight Activity
- UA - Unmanned Aircraft Activity
- Parachute Jumping Area (See Supplement.)
- STADIUM Intermittent TFR site (within 3 NM, up to & incl 3000' AGL)
- Marine Light
- Space Launch Activity Area (See Supplement.)
- 10°E — Isogonic Line (2015 VALUE)
- VPXYZ — VFR Waypoints (See chart tabulation for latitude/longitude.)
- NAME (VPXYZ)

TOPOGRAPHIC INFORMATION

- Power Transmission Line
- Aerial Cable
- Lookout Tower 618 (Elevation Base of Tower)
- Mountain Pass 11823 (Elevation of Pass)

Pass symbol does not indicate a recommended route or direction of flight and pass elevation does not indicate a recommended clearance altitude. Hazardous flight conditions may exist within and near mountain passes.

DENVER SECTIONAL

SECTIONAL AERONAUTICAL CHART SCALE 1:500,000

SOUTH — NORTH

Federal Aviation Administration

102ND EDITION EFFECTIVE 0901Z **2 JAN 2020**

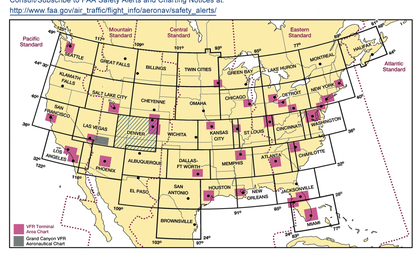
TO 0901Z **16 JUL 2020**

Includes airspace amendments effective **5 DEC 2019**

and all other aeronautical data received by **7 NOV 2019**

Information on this chart will change; consolidated major updates of chart changes are available every 56 days in the CHART SUPPLEMENT Aeronautical Chart Bulletin section (online at http://faa.gov/cgo/ais). Also consult appropriate NOTICES TO AIRMEN (NOTAMs) and other FLIGHT INFORMATION PUBLICATIONS (FLIPs) for the latest changes. Consult/Subscribe to FAA Safety Alerts and Charting Notices at:

http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/



Published from digital files compiled in accordance with Interagency Air Committee specifications and agreements approved by Department of Defense - Federal Aviation Administration.

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

CONTROL TOWER FREQUENCIES ON DENVER SECTIONAL CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

ASR and/or PAR indicate Radar Instrument Approach available.

"MON-FRI" indicates Monday through Friday.

O/T indicates other times.

CONTROL TOWER	OPERATES	TOWER	GND CON	ATIS	ASR/PAR
ASPEN-PITKIN CO/SARDY	0700-2000	118.85 288.3	121.9	120.4	
BUCKLEY AFB	0630-2230 TUE-SAT 0800-1600 SUN-MON	121.0 291.675	121.6 275.8	119.675 259.3	
BUTTS AAF (FORT CARSON)	0400-2300 TUE-THU 0500-2300 FRI-MON CLSD THANKSGIVING, CHRISTMAS & NEW YEAR	125.5 229.4 239.3	118.55 253.6	108.8	
CENTENNIAL	CONTINUOUS	118.9	121.8	120.3	
CITY OF COLORADO SPRINGS	CONTINUOUS	119.9 360.6	121.7 348.6	125.0 254.3	
DENVER INTL	CONTINUOUS	128.75 273.55 (RWY 07/25) 132.35 239.275 (RWYS 08/26 & 17L/35R) 133.3 322.45 (RWY 17R/35L) 135.3 351.95 (RWYS 16L/34R & 16R/34L)	121.85 377.1 (RWYS 08/26, 17L/35R & 17R/35L) 127.5 379.175 (RWYS 07/25, 16L/34R & 16R/34L)	125.6 379.9 (ARR) 134.025 (DEP)	
EAGLE CO RGNL	0700-1900	119.8	121.8	135.575	
FOUR CORNERS RGNL	0600-2200	118.9 257.8	121.7	127.15	
FRONT RANGE	0700-2100	120.2	124.7	119.025	
GRAND JUNCTION RGNL	0600-2200	118.1 257.8	121.7 257.8	118.55	
PUEBLO MEM	0600-2200	119.1 257.8	121.9	125.25	
ROCKY MOUNTAIN	0600-2200	118.6 233.7	121.7	126.25	
SANTA FE	0700-2100	119.5 239.3	121.7	128.55	
USAF ACADEMY	0545 OR SR (WHICHEVER IS LATER)-SS MON-FRI 0730-1430 SAT CLSD HOL	124.15 319.25	118.125	128.525 269.375	

CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
DENVER CLASS B	126.1 360.75 (W) 128.25 371.95 (E) 128.45 251.075 (S) 134.85 251.125 (N)	CONTINUOUS
COLORADO SPRINGS CLASS C	124.0 257.875	CONTINUOUS
BUTTS AAF (FORT CARSON)	124.0 257.875	CONTINUOUS

SPECIAL USE AIRSPACE ON DENVER SEDCTIONAL CHART

Unless otherwise noted altitudes are MSL and in feet. Time is local. "TO" on altitude means "To and including." FL – Flight Level NO A/G – No air to ground communications. Contact Flight Service for information.

† Other times by NOTAM. NOTAM – Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

U.S. P–PROHIBITED, R–RESTRICTED, W–WARNING, A–ALERT, MOA–MILITARY OPERATIONS AREA

NUMBER	ALTITUDE	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
R-2601 A	TO BUT NOT INCL 12,500	0500-2400 MON-FRI †1 HR IN ADVANCE	DENVER CNTR	128.375 379.95
R-2601 B	12,500 TO BUT NOT INCL 22,500	BY NOTAM 1 HR IN ADVANCE	DENVER CNTR	128.375 379.95
R-2602	TO 1000 AGL	CONTINUOUS	DENVER CNTR	
R-2603	TO BUT NOT INCL 10,000	BY NOTAM 24 HRS IN ADVANCE	DENVER CNTR	
R-5101	TO 12,000	CONTINUOUS	NO A/G	
R-6413	UNLIMITED	BY NOTAM 48 HRS IN ADVANCE	DENVER CNTR	134.5 327.8
A-260	TO 17,500	SR-SS	NO A/G	
A-639 A, B	3000 AGL TO 12,000	SR-SS MON-FRI EXC HOL SR-SS SAT-SUN BY NOTAM	NO A/G	

Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface areas.

MOA NAME	ALTITUDE*	TIME OF USE†	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
AIRBURST X	1500 AGL	SR-SS TUE-SAT EXC 2200-0700	DENVER CNTR	128.37 379.95
AIRBURST Y	500 AGL	SR-SS TUE-SAT EXC 2200-0700	DENVER CNTR	128.37 379.95
AIRBURST Z	500 AGL TO BUT NOT INCL 8500	SR-SS TUE-SAT EXC 2200-0700	DENVER CNTR	128.37 379.95
LA VETA HIGH	13,000	0700-1600 MON-FRI EXC HOL	DENVER CNTR	128.375 379.95
LA VETA LOW	1500 AGL TO BUT NOT INCL 13,000	INTERMITTENT BY NOTAM	DENVER CNTR	128.375 379.95
MT DORA NORTH HIGH, WEST HIGH	11,000	BY NOTAM	ALBUQUERQUE CNTR	127.85 285.47 (E) 132.8 346.35 (W)
MT DORA NORTH LOW, WEST LOW	1500 AGL TO BUT NOT INCL 11,000	BY NOTAM	ALBUQUERQUE CNTR	127.85 285.47 (E) 132.8 346.35 (W)
PINON CANYON	100 AGL TO 10,000	0700-2200 INTERMITTENT BY NOTAM	DENVER CNTR	128.375 379.95
SUNNY	12,000	BY NOTAM 24 HRS IN ADVANCE	ALBUQUERQUE CNTR	124.5 306.2

*Altitudes indicate floor of MOA. All MOAs extend to but do not include FL 180 unless otherwise indicated in tabulation or on chart.
†Other times by DoD NOTAM.

This map has been reviewed by:

MICHAEL SPINK — Digitally signed by MICHAEL SPINK Date: 2020.04.16 08:44:20 -06'00'

Data Sources:
Visual Flight Rules (VFR) Charts were downloaded from:
http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/vfr/

Locally identified vertical obstructions and/or administrative features were obtained from agency SDE servers and data storage

N W E S

0 4.5 9 18 Miles

0 9.5 19 Nautical Miles

This map was produced by the Pike and San Isabel National Forests and Cimarron and Comanche National Grasslands (PSICC). GIS data and product accuracy may vary. This map is not to be used for navigational purposes. It is only to be used as a supplemental means of identifying vertical obstructions and other known hazards. The PSICC reserves the right to update, modify, or replace any or all of this data without notifying users. For more information, contact: The PSICC Supervisors Office at 719-553-1400.

Note to Pilots and Cooperating Agencies: Not all aerial wires, cableways, and obstructions that could be hazardous to aircraft are shown on this map. Please use extreme caution when flying in unfamiliar areas.

CONTOUR INTERVAL 500 feet
Intermediate contours 250 feet
HIGHEST TERRAIN elevation is 14433 feet located at 39° 07'N - 106° 27'W
Spot elevation . . . . . x 4254
Approximate elevation. . . . . x 3280

14433 — 14000 — 13000 — 12000 — 11000 — 10000 — 9000 — 8000 — 7000 — 6000 — 5000

Document Path: T:\FS\NFS\PikeSanIsabel\Program\5100Fire\GIS\SO\AviationHazardMaps\HazardMaps2020\AviationHazardSectional_PSI_SizeE.mxd