

The following are actual NOTAMS carried in Air Chart Systems' "Minuteman" Update. This page has examples from both the Approach and Enroute updates; page 2 shows a sample of the Enroute Update map; pages 3 and 4 list the Keys to Symbols and Abbreviations used in the Updates.

Approach Update Examples

•VERMONT•

- HIGHGATE–RNAV (GPS) 1 (6/8-A1)◆□
 →LYNDONVILLE–NDB 2 (1/18/07-A4) Numerous changes***□ ●●New RNAV (GPS) 2 effective 1/18/07***□
 ●●●Cancel GPS 2 effective 1/18/07***□
 RUTLAND–VOR/DME 1 (10/26-OrigB) Si & Ci 3060□

•VIRGINIA•

- CHARLOTTESVILLE–RNAV (GPS) 21 > RNAV (GPS) Y 21 (9/28-A1)◆□
 ●●●New RNAV (GPS) Z 21 effective 9/28***□
 CULPEPER–New NDB (MSQ-351k) located at 38-27.4/077-54.3□
 CULPEPER–New LOC 4 & NDB 4 effective 8/3***□ ●●●GPS 22 (9/28-A1B) Caution: Washington ADIZ, contact Potomac AC on 120.825□
 ●●●VOR or GPS-A (11/23-A4B) MSA 2700 > 3400, 5200 > 5300, 3500 > 3700□
 →GALAX/HILLSVILLE–New RNAV (GPS) 1 & RNAV (GPS) 19 effective 1/18/07***□
 JONESVILLE–New RNAV (GPS) 7 & RNAV (GPS) 25 effective 11/23***□
 ●LYNCHBURG–ASOS freq 119.9□
 ●LYNCHBURG–New RNAV (GPS) 28 effective 12/21***□
 →MARION/WYTHEVILLE–New RNAV (GPS) 26 effective 1/18/07***□
 ●●●Cancel GPS 26 effective 1/18/07□
 NEWPORT NEWS–Cancel NDB 7 & NDB 25 effective 8/31□
 PETERSBURG–LOC 5 (7/6-A1A) Hold ILPT > 044°IB□
 ●RICHMOND–Intl–ILS or LOC 34 (12/21-A13B) Ci 660□
 ROANOKE–LDA 6 (9/28-A9) Numerous changes***□
 SUFFOLK–LOC 4 (6/8-A2) Numerous changes***□ ●●●RNAV (GPS) 4 (6/8-A1)◆□ ●●●New RNAV (GPS) 7 effective 6/8***□ ●●●Cancel GPS 7 effective 6/8□
 WISE–New RNAV (GPS) 24 effective 11/23***□ ●●●Cancel GPS 24 effective 11/23□

•WASHINGTON•

- BURLINGTON–CTAF & Unicom > 123.075□
 BURLINGTON–New RNAV (GPS) 10 effective 8/3***□ ●●●Cancel GPS 10 effective 8/3□
 ●CHEHALIS–RNAV (GPS) 16 (12/21–OrigA) Delete Olympia AS□ Use local AS□ New AWOS, 128.025□
 EPHRATA–VOR/DME or GPS 2 (10/26-A3B) Ci 1800q Wenatchee AS mins◆◆◆ Ci 1880q Tdze 1262°□ Elev 1276°□ ●●●VOR or GPS 20 (10/26-A18B) Si 1760□ Ci 1800□
 Wenatchee AS mins: Si 1820, Ci 1880□ Tdze 1276°□ Elev 1276°□
 OAK HARBOR–RNAV (GPS) & (6/8-OrigA) MA: Crt to 3400 to CVV & hold□

Enroute Update Examples

•RESTRICTED AREAS & MOA's•

- GATOR 1 & 2 MOA, GA (8/3) are canceled. See Coastal MOA listing□
 P-50, KINGS BAY, GA (2/16) New prohibited area 2NM radius from 30-48.0/081-31.0, surface to 3000 MSL□

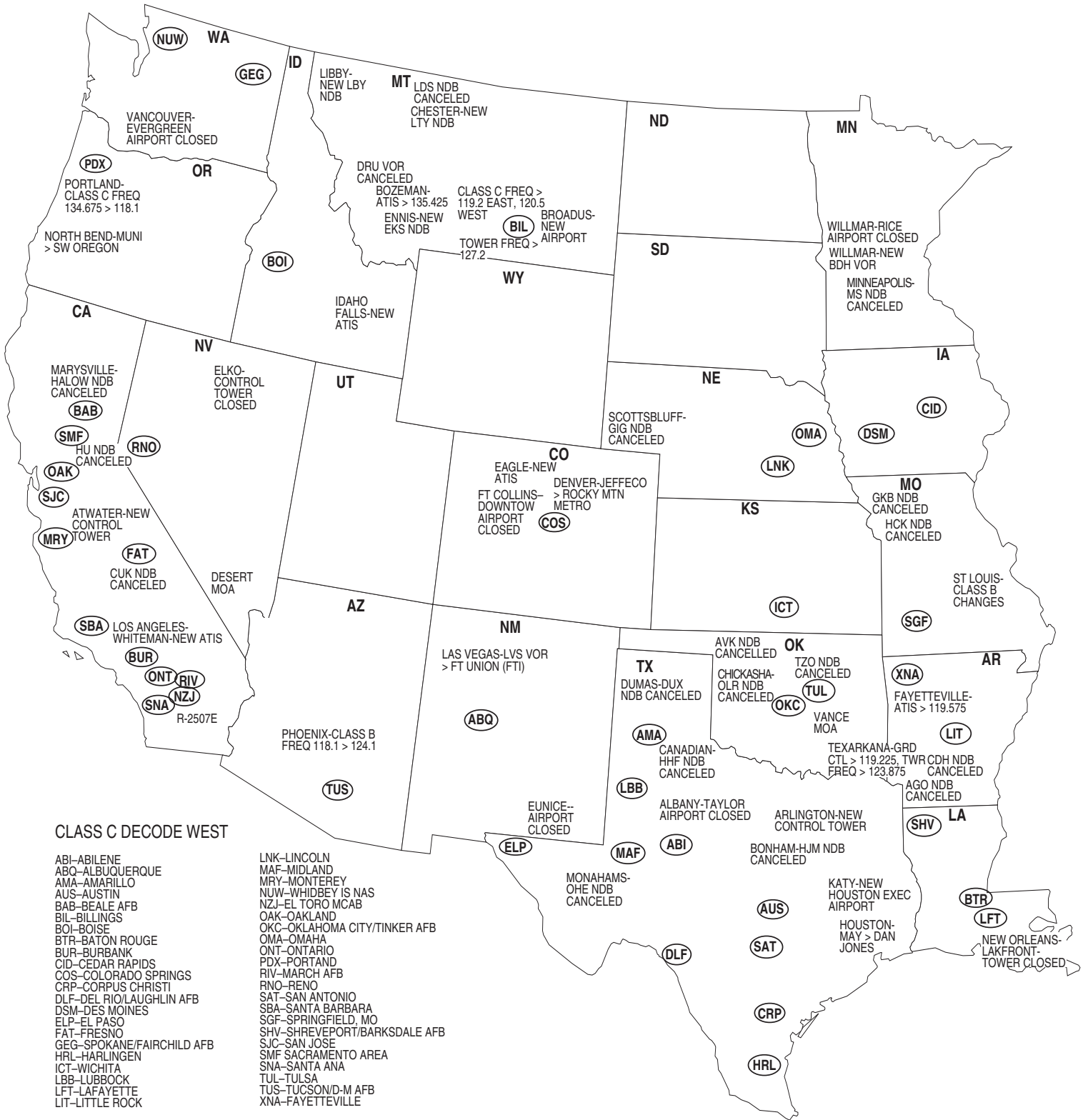
•AIRPORTS •NAVAIDS •FIXES •

- AINSWORTH, NE–AC/DC > 127.95□
 ALBANY, TX–Taylor airport closed□
 ALBERT LEA, MN–AC/DC > 119.8 (Rochester apch)□
 ALVA, OK–AVK NDB canceled□
 ANGEL FIRE, NM–New AWOS, freq 118.025□
 ARCO, ID–AWOS cancelled□
 ARLINGTON, TX–New part time control tower, 128.625, ground 121.875□
 ATWATER, CA–Unicom & CTAF > 123.075□
 →◆◆◆New part time control tower, freq 118.175, ground 133.575, ATIS 124.475, CTAF > 118.175□
 AUSTIN, MN–PCL on CTAF□
 →BASSETT, NE–AC/DC > 127.95□
 BASTROP, LA–New AWOS, freq 118.375q ident 2F8 > BQP□
 BEND, OR–New AWOS, freq 134.425, ident S07 > AEB□ ◆◆◆Ident AEB > BDN□
 BIG BEAR, CA–Unicom & CTAF > 122.725□
 BILLINGS, MT–Class C frequency > east 119.2 & west 120.5□
 ● Tower freq 124.2 > 127.2□
 BLACKWELL, OK–New Unicom 122.8 & CTAF > 122.8□
 BLYTHEVILLE, AR–AC/DC > 134.65□
 BOISE CITY, OK–Thorp (BCY) NDB canceled□
 BONHAM, TX–HJM NDB canceled□
 BOULDER, CO–Unicom & CTAF > 122.725□
 → Ident 1V5 > BDU□
 BOUNTIFUL, UT–CTAF & unicom > 122.8□
 ●BOZEMAN, MT–ATIS 132.45 > 135.425□
 BRISTOW, OK–TZO NDB canceled□
 BROADUS, MT–New airport at 45-28.4/105-27.2, elev 2380', ident 00F, CTAF 122.9, rwy 10/28 4400'□

•AIRWAYS •

- V2–DICKINSON 079° (4/13) New POCIGΔ at 7D (34R)
 V2–DICKINSON 245° (4/13) New RUNYOΔ at 7D□
 V2–SPOKANE 232° (8/3) New GANGSΔ at 13D & PUW-310□ (33L)
 V4–GOODLAND 273° (6/8) New EHVERΔ at 23D□ (21R)
 V4–HILL CITY 269° (8/3) New CUGGAΔ at 30D□ (22L)
 V4–LARAMIE 273° (6/8) New LYMPSSΔ at 16D□ (32L)
 V4–SEATTLE 104° (4/13) New SESOYΔ at 9D□

Sample Update Map - West



ENROUTE UPDATE: KEY TO SYMBOLS & ABBREVIATIONS

- > = CHANGES TO
- Δ = FIX OR INTERSECTION
- ✈ = NEW 8 WEEK DATA THIS ISSUE
- ☛ = CHANGES SENT 4 WEEKS AGO
- *2200 = MOCA ALTITUDE

AAS -Airport advisory service	DC -Departure control
AC -Approach control	IB -Inbound
AWOS -Automated weather observing system	Lt -Left turns
brg -Bearing to NDB	m -Nautical miles
CD -Clearance delivery	M -MEA
COP -Change over point	MCA -Minimum crossing alt.
CTAF -Common traffic advisory frequency	MOCA -Min obstruction clnc
crs -Course	MRA -Min reception alt
D -DME	OB -Outbound
	PCL -Pilot controlled lights
	Rt -Right turns

UPDATE CHECKLIST (minimum)

1. Review NOTAM/COMM List
2. View MAP for your flight route for any changes
3. Scan Airport/Navaid NOTAMS
4. Check Fix Name List
5. If VFR, check list under Restricted Areas
6. Check Airway List for changes
7. Via DUAT or FSS check any FDC-FSS NOTAMS

How to Read Enroute Update

EXAMPLES:

HMK to DMK 2200M *1400

Means from HMK VOR to DMK VOR the new MEA is 2200 and the MOCA is 1400

BRAND Δ now ORD-115/27D & HHN-230

Means Brand Intersection has changed to ORD's 115° radial at 27 DME and HHN VOR's 230° radial.

V8-FT STOCKTON 023°(1/22) new Delta Δ at PMT-092

Means on V8 there is a new Delta Intersection on the FT STOCKTON VOR's 023 course where the PMT VOR 092 intersects it. The effective date is January 22.

HOW DATA IS LISTED

The map shows all the major changes (VOR, Tower Restricted Areas). The listing also contains the items shown on the map plus it shows additional changes ofunicoms, MEAs, MOCAs and other back-up changes.

KEY TO APPROACH UPDATE SYMBOLS

◆--to use this GPS apch get factory update on/after date shown for new database data.

*-is on enroute chart.

**--airline pilots check your Ops for category shown.

++ =Later data for this apch follows.

>-changes to (new item).

✈-New change this 8 wk. update.

◀-Change listed in prior 4 wk update.

Δ-Fix or Intersection

●●-start of data for apch listed

***-for new plate see "New and Revised Plates, DPs and STARS" below

☐-End of item.Check if done.

KEY TO APPROACH UPDATE ABBREVIATIONS

A-Category A mins.

AC-Approach Control

alt-altitude

altn-alternate

amdt-amendment

apch-approach

AS-altimeter setting

ASOS-AutoSurface OS

AWOS-Auto Weather Observation System.

B-Category B mins.

brg-bearing

C-Category C mins.

CW-Clockwise

CCW-Counter clockwise

Ci-Circling mins.

Cl-Climbing left turn

Crt-Climbing right turn.

crs-Magnetic course

CZ-Control Zone

D-DME(also Cat.D)

DC-Departure Control

E-East

FAC-Final apch course

GPS-IFR apch approved unit. Data listed is not required in database.

◆ indicates changes in database requiring factory update to use apch.

GSI-Glide intercept alt.

hdg-Heading

IB-inbound

ILPT-Holding pattern in lieu of a Procedure Turn.

InOpTbl-Do not add higher mins. for inop components e.g. lights, MMs, etc.

Lt-Left Turn

M-Minimum altitude.

m-Nautical Miles

MA-Missed Approach

mins-minimums

N-North

Notes-notes on apch plate.

OB-Outbound

PCL-Pilot Controlled Lighting

PT-Procedure Turn

Rt-Right Turn

R-Radial of a VOR

RevAM-Revised alternate minimums. If needed, can check them with FSS.

S-South

Si-Straight-in minimums.

S-ILS-ILS minimums.

S-LOC-Localizer minimums

W-West

GPS Approach Revisions-A

GPS approach can be revised that may or may not require a factory update. Some data, (ie. altitude) does not require a factory update even though some mfgrs. may put it in their database. We Black Diamond (◆) the approach if a *new database & new chart* are needed.

NEW AND REVISED PLATES, DPs, STARS: New plates and revised Departure Procedures (DPs) and STARS can be downloaded from the "Updates" page of our website (www.airchart.com)