

Class B Graphics Safety Enhancements

Presented to: Aeronautical Charting Forum
By: VFR Charting Team/AeroNav Products
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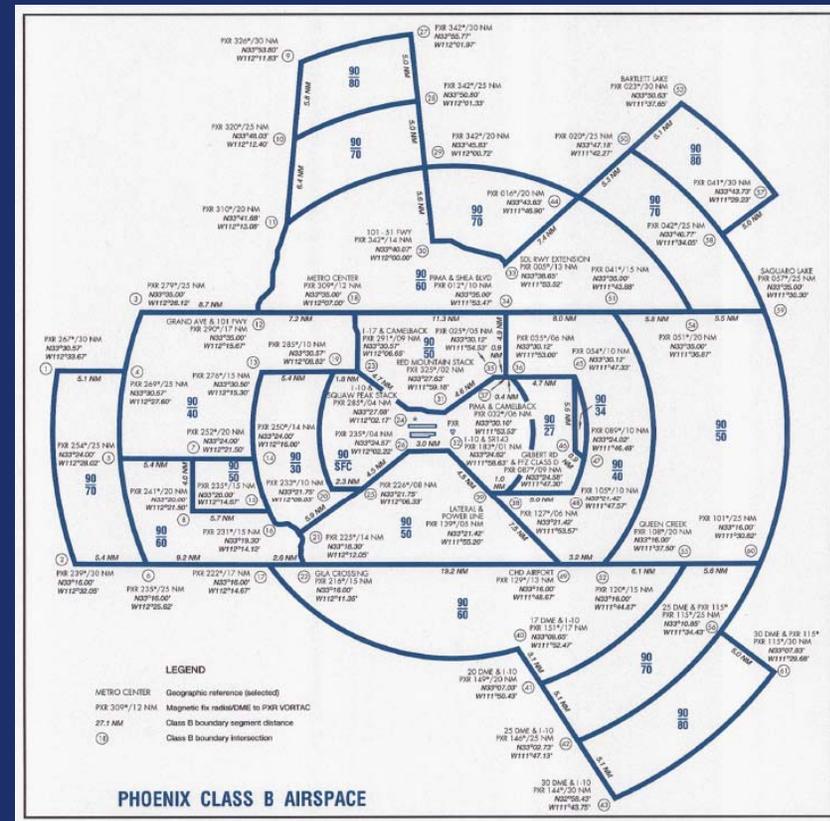


Federal Aviation
Administration



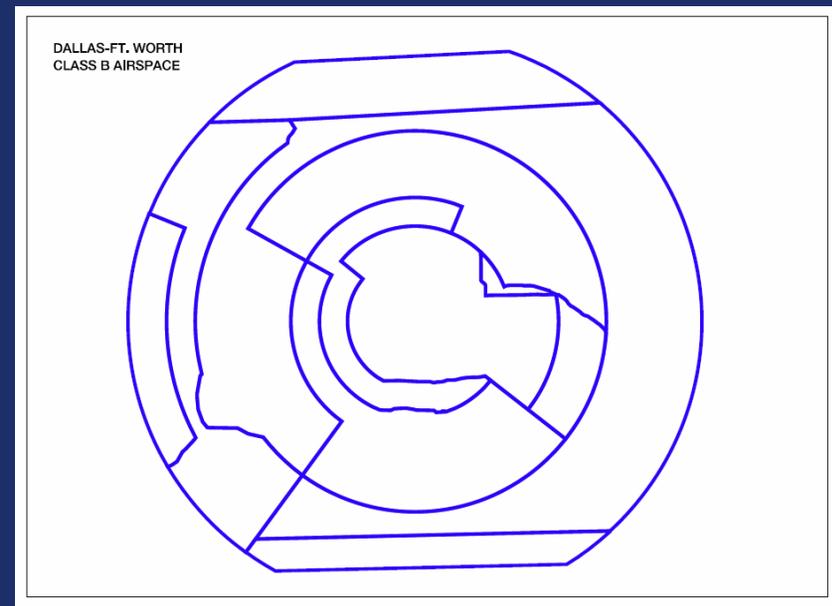
Good news!

- VFR Charting is moving forward with production of Class B graphics.
- Coordinated with Mission Support Services leadership and Commercial Aviation Safety Team (CAST).
- Approved and fully supported by both parties.



New Class B Graphics Plan

- VFR Charting will create entire graphic.
- Each graphic will be standardized to specifications.
- Graphic will be sent to TRACON for review and approval.



Class B Graphics Data

- **Data for each Class B boundary intersection**
 - Exact coordinates in DD-MM.MM format for each intersection
 - Magnetic fix radial/DME to VORTAC at each intersection
 - Any geographic reference name for that intersection



Class B Graphics Availability

- Once receiving final approval, Class B Graphics will be made available for free on AeroNav Products' website.
- Accessible to both IFR and VFR pilots, rather than forcing one to buy other chart.
- Downloadable on to 8.5" x 11" paper.

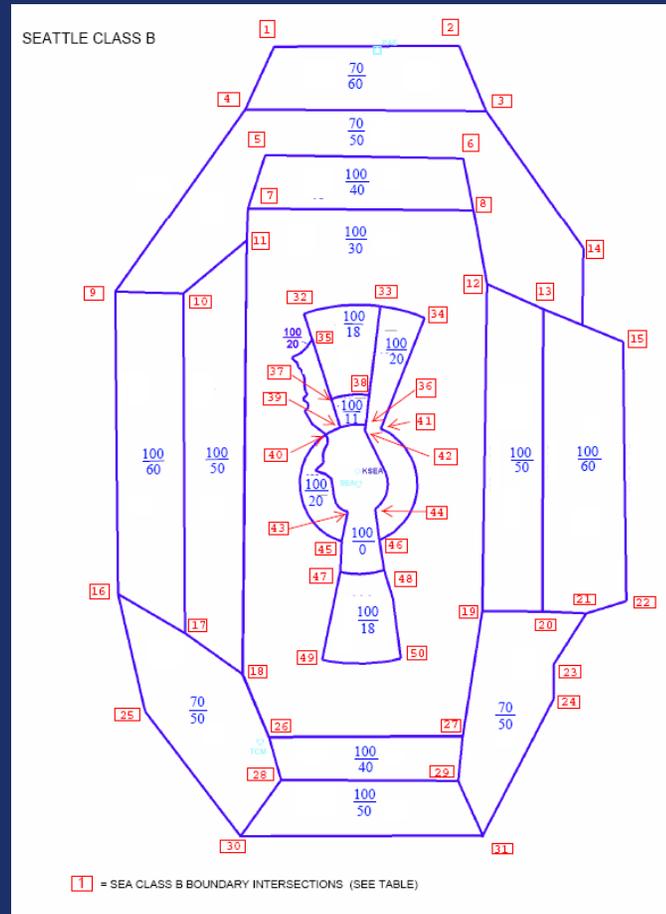
The screenshot shows the Federal Aviation Administration's AeroNav Products website. The header includes the FAA logo and navigation links for Home, About FAA, Jobs, News, and A-Z Index. The main navigation bar highlights 'Air Traffic' and includes links for Aircraft, Airports, Data & Research, Licenses & Certificates, Regulations & Policies, and Training & Testing. The page content is titled 'Aeronautical Navigation Products - AJV-3' and includes a search bar, a print and email button, and a list of services. A sidebar on the left contains a 'Catalog of Products' and other navigation options. A 'Do You Want To...?' sidebar on the right offers links to check airport status, check National Airspace System status, become an air traffic controller, and view the Air Traffic Controller Workforce Plan. The main content area lists the following services:

- Develops and maintains the FAA's Instrument Flight Procedures (IFPs).
- Develops and maintains Performance Based Navigation Procedures to support the Next Generation Air Traffic Systems (NextGen).
- Compiles and publishes the FAA's Instrument and Visual Flight Rule (IFR and VFR) Aeronautical Chart Products.
- Produces specialized aeronautical products to support Terminal and Enroute Air Traffic Control.
- Develops and maintains Digital Aeronautical Products to support pilot's Electronic Flight Bags and Flight Management Systems.
- Produces specialized Digital Products to support Air Traffic Control and Airport and Airspace Planning.
- Distributes FAA paper and digital Aeronautical Chart Products worldwide through a network of Authorized FAA Chart Agents and sales outlets and direct e-commerce subscriptions and one-time sales.
- Develops and disseminates Navigational Products and Services to the Department of Defense, National Oceanic and Atmospheric Administration, and other Federal Agencies.

The 'Videos' section includes a link for 'Charting Your Safety: The Birth of an Aeronautical Chart'.

Proposed Solution

- Number each intersection and show data in separate table.



Seattle Class B Intersections

	FIX	RADIAL	DIST	LAT	LONG
1	SEA	345°	29.3 NM	47°55'27"N	122°27'04"W
2	SEA	013°	30.2 NM	47°55'31"N	122°08'29"W
3	SEA	019°	28.5 NM	47°51'09"N	122°05'46"W
4	SEA	354°	30.2 NM	47°51'13"N	122°30'00"W
5	SEA	344°	23NM	47°48'13"N	122°27'59W
6	SEA	018°	23NM	47°47'59"N	122°08'02"W
7	SEA	338°	20NM	47°44'39N	122°29'41"W
8	SEA	023°	20NM	47°44'31"N	122°07'00"W
9	SEA	308°	21NM	47°39'00"N	122°43'03"W
10	SEA	317°	17.5NM	47°38'53"N	122°36'14"W
11	SEA	335°	18NM	47°42'25"N	122°29'50"W
12	SEA	033°	16NM	47°39'31"N	122°05'41"W
13	SEA	047°	17.2NM	47°37'49"N	121°59'59"W
14	SEA	044°	18.6NM	47°41'54"N	121°55'57"W
15	SEA	062°	20.4NM	47°35'39"N	121°51'58"W
16	SEA	246°	18NM	47°18'46"N	122°42'45"W
17	SEA	230°	15.5NM	47°16'09"N	122°36'01"W
18	SEA	212°	15NM	47°13'24"N	122°30'14"W
19	SEA	135°	12NM	47°17'38"N	122°06'07"W
20	SEA	124°	15.2NM	47°17'36"N	122°00'04"W
21	SEA	119°	17.8NM	47°17'28"N	121°55'42"W
22	SEA	113°	19.9NM	47°18'18"N	121°51'40"W
23	SEA	132°	18NM	47°14'03"N	121°58'57"W
24	SEA	137°	19.6NM	47°11'46"N	121°58'59"W
25	SEA	224°	21.1NM	47°10'55"N	122°40'04"W
26	SEA	200°	18NM	47°09'13"N	122°27'36"W
27	SEA	157°	18.3NM	47°09'17"N	122°08'06"W
28	SEA	195°	20.5NM	47°06'20"N	122°26'21"W
29	SEA	161°	21NM	47°06'16"N	122°08'34"W
30	SEA	192°	29.7NM	46°57'05"N	122°27'35"W
31	SEA	166°	29.8NM	46°57'13"N	122°08'03"W
32	SEA	342°	12NM	47°37'32"N	122°24'04"W
33	SEA	007°	12NM	47°38'02"N	122°16'25"W
34	SEA	022°	12NM	47°37'14"N	122°11'56"W
35	SEA	342°	10NM	47°35'48"N	122°23'14"W
36	SEA	007°	4NM	47°30'05"N	122°17'51"W
37	SEA	342°	6NM	47°31'55"N	122°20'52"W
38	SEA	007°	6NM	47°32'04"N	122°17'30"W
39	SEA	342°	4NM	47°29'55"N	122°20'24"W
40	SEA	336°	4NM	47°29'26"N	122°21'53"W
41	SEA	022°	4NM	47°29'50"N	122°16'22"W
42	SEA	007°	3.6NM	47°29'42"N	122°17'56"W
43	SEA	202°	2NM	47°24'16"N	122°19'41"W
44	SEA	146°	2NM	47°24'28"N	122°16'56"W
45	SEA	197°	4NM	47°22'18"N	122°20'18"W
46	SEA	158°	4NM	47°22'23"N	122°16'28"W
47	SEA	192°	6NM	47°20'15"N	122°20'25"W
48	SEA	163°	6NM	47°20'23"N	122°16'00"W
49	SEA	192°	12NM	47°14'23"N	122°22'14"W
50	SEA	166°	12NM	47°14'29"N	122°14'19"W

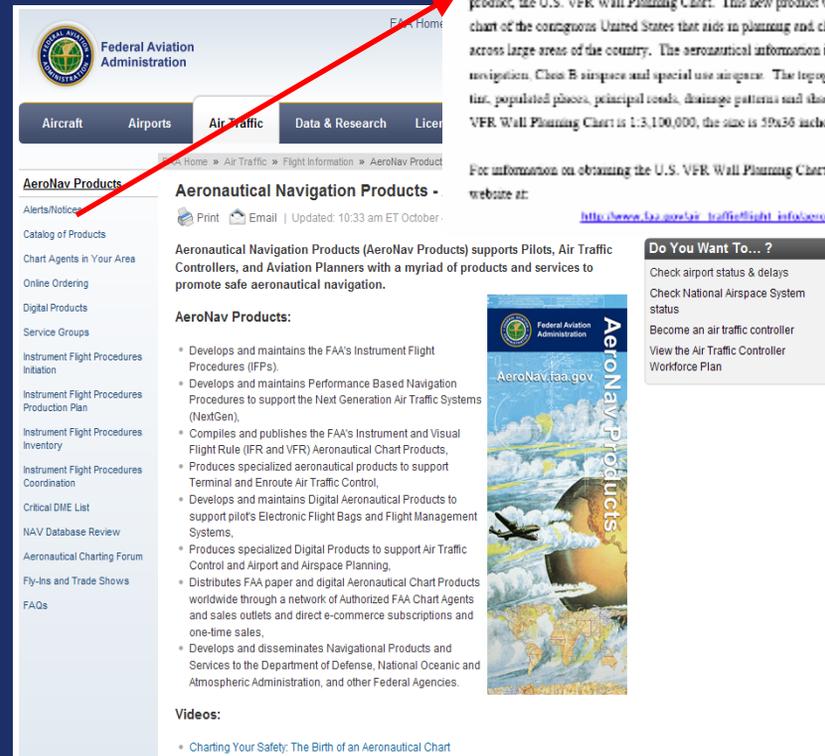
Class B Graphic Prioritization

- **Biggest safety concerns first (most complex airspace), but priority given to Class B redesigns.**
- **Schedule subject to change based on Class B effective dates.**
- **VFR Charting will work with Airspace & Rules and Operational Support Groups (OSGs) in each Service Area.**



Safety Alerts

- Safety Alert will be placed on our website.
- Will also be on AOPA and EAA websites.
- E-mail notification through FAAST.



The screenshot shows the FAA website's 'AeroNav Products' page. The left sidebar contains a list of links, with 'Alerts/Notices' highlighted. A red arrow points from the 'Alerts/Notices' link to the 'SAFETY ALERT' section on the right. The alert text, dated October 25, 2010, is titled 'U.S. VFR Wall Planning Chart' and describes a new product to be available in February 2011. Below the alert, there is a 'Do You Want To...?' section with options like 'Check airport status & delays' and 'Become an air traffic controller'. A vertical banner for 'AeroNav Products' is also visible.

Questions?

