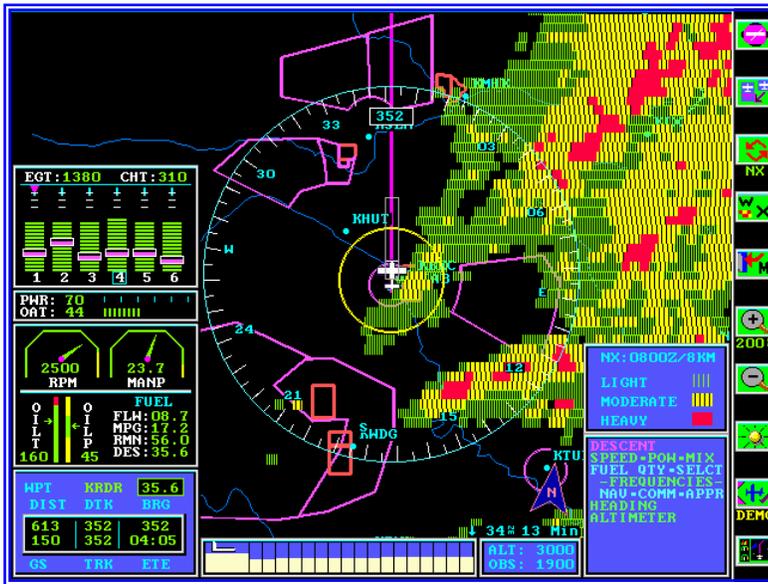




ARNAV ANNOUNCES UPGRADES OF REAL-TIME SATELLITE WEATHER FOR THE CIRRUS FLEET

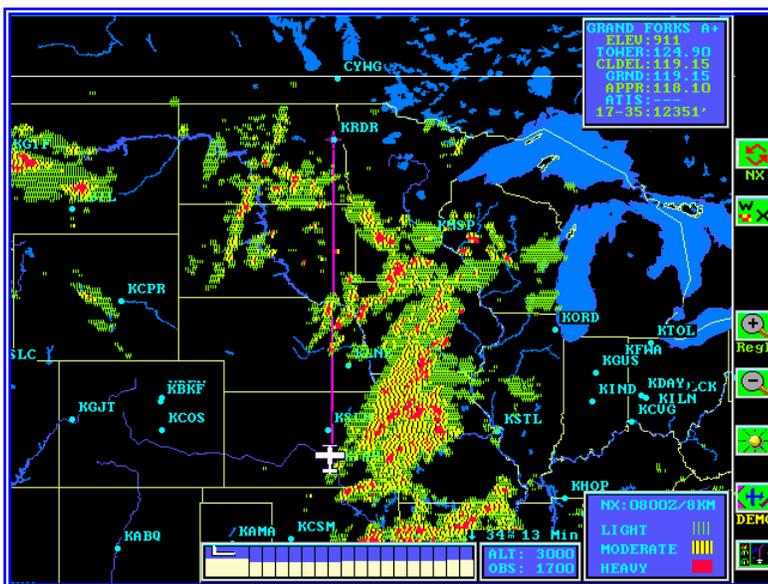
ARNAV today announced the availability of satellite delivered real-time weather to the *ICDS2000* Multi-Function Display in the fleet of Cirrus SR20 and SR22 airplanes. Frank Williams, President of ARNAV states, “We are committed to continuing development of the *ICDS2000* for the more than 250 Cirrus airplanes flying with our equipment. ARNAV pioneered the large form-factor multi-function display concept primarily to improve situational awareness to the hazards of flight. In successive development efforts, we continued to evolve the quality of the display and the information presented to the pilot. In software revision V920H, we added significantly more topographic information, to include rivers, lakes, city boundaries, and terrain. We also improved the engine display and leaning procedures, and added Quick Reference Checklists (QRC) which present aircraft systems information in a windowed format, tailored for the speed and mode of operation of the Cirrus aircraft. With the addition of the RCOM-100 satellite datalink hardware, software revision V920J offers real-time weather for the pilot’s view.”



Williams continued, “From the beginning, we set a philosophy that the *ICDS2000* display must always have navigation information present; hence the ‘windows’ concept of showing secondary information around the periphery of the display.”

In the *ICDS2000*, situational awareness is always available to the pilot even when referring to additional features such as engine monitoring, terrain clearance look-ahead, weather data, destination airport information, and the quick reference checklists without losing navigation reference. The latest software, V920J, adds *WeatherView* information overlain on the navigation display. By pressing a single button, the RCOM-100 retrieves weather data from the ARNAV Network Operation Center.

Screen shots of ICDS2000 software version V920J with NEXRAD radar and “windowed” information



Weather information is delivered through the Globalstar satellite network, and provides a high-speed downlink of worldwide weather data within 45 seconds. The weather products transmitted to the aircraft include Graphic NEXRAD radar (where available), METAR graphics and text, Winds aloft, freezing level, Graphical Icing, Turbulence, and convective bounding information.

The RCOM-100 data only Satellite transceiver is available to the fleet of Cirrus owners for \$6,995. The installation of the RCOM-100 does not require any holes to be drilled in the fuselage since the frequencies used by the RCOM-100 can penetrate through the composite aircraft skin, much like GPS satellite signals.

AIRBORNE TELEPHONE VOICE OPTION

The RCOM-100 may be upgraded to add an approved airborne telephone for an additional \$3,000. If this option is desired, many choices of handset or headset interfaces are available to place telephone calls from nearly anywhere on earth.

Service plans for the RCOM-100 start at \$39.99 per month. Each weather request will cost \$2.00 plus the Globalstar connection cost of 99 cents, with all of the weather products delivered to the aircraft within 45 seconds. If the voice option is desired, service plans are available with rates as low as 65 cents per minute.

Cirrus owners operating *ICDS2000* software version 920BH may add the RCOM-100 satellite datalink hardware without the need to return the *ICDS2000* to the ARNAV factory. If your aircraft already has Stormscope or *EngineView* engine monitoring, the *ICDS2000* must be factory upgraded with additional RS-232 serial ports to support *WeatherView*. This upgrade is available for \$295.

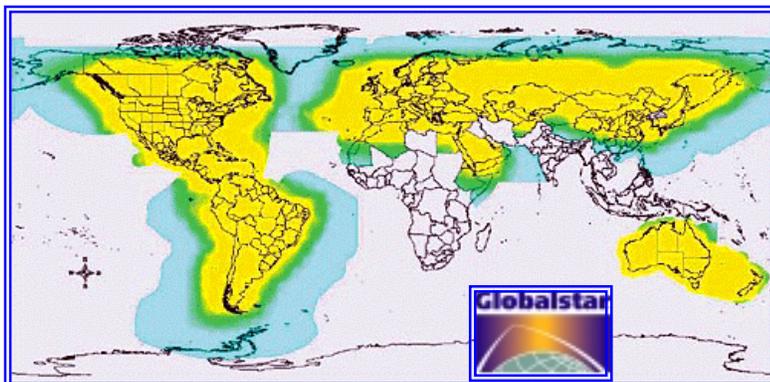
Cirrus owners operating *ICDS2000* software versions prior to V920H must make arrangements with ARNAV for their *ICDS2000* to come in for factory hardware modifications. ARNAV can supply a loaner *ICDS2000* if desired while your equipment is at the factory. ARNAV has developed several combination upgrade programs that provide additional discounts if you wish to add *EngineView* and *WeatherView* at the same time.

Available with a database update to all owners of *ICDS2000* software version V920BH or higher is an upgrade of the checklist data to reflect the Cirrus SR20 3000 pound gross weight increase. The new checklist data includes a revised Quick Reference Checklist (*QRC*) that reflects the speed changes associated with the higher gross weight, and improves the sequence and flow of *QRC* items.

In a recent interview, current Cirrus SR20 owner Delmar Fadden said, "I am particularly pleased to hear that ARNAV will continue to upgrade the *ICDS2000* for our airplane. Acquiring real-time weather will complete the suite of functions that are important to me and my partners; we'll have engine monitoring, quick reference checklists, weather, and terrain information readily at hand."

Fadden continued, "I have always liked the ARNAV philosophy of allowing me to access other data without losing my navigation display. Leaning the mixture on our Cirrus takes time, and the *EngineView* function puts the necessary data in a window right near the top of the display where I can keep an eye out for external traffic during the process. In my profession, I worked with cognitive psychologists and am appreciative of the way *EngineView* leaning does not require me to switch to a special display, nor does it require me to memorize numbers; the entire process is graphical and intuitive. And the *QRC* is especially useful for the trained pilot by providing checklist references in a window of the navigation display while in the departure and arrival phases of flight; times when I do not like to be deprived of primary navigation data or have the distraction of referring to a separate checklist. The *QRC* functions of automatically re-sequencing the checklists for unusual situations like a missed approach or an aborted takeoff are a nice feature, too."

"All told", said Fadden, "ARNAV's decision to upgrade the *ICDS2000* means that our SR20, which is line number 1062, is keeping pace with the latest delivered Cirrus SR20's, and that means improved safety and convenience operationally, and it also means a lot for the long run financial value of the airplane."



The RCOM-100 satellite voice and data equipment allows aircraft to communicate nearly anywhere in the world. Options include data only services, voice telephony upgrade, flight tracking, weather request, e-mail, and Internet access.

For more information about the features of *ICDS2000*, RCOM-100 Satellite datalink, *EngineView*, or *WeatherView*, please contact Robert Brooks, Tel: 253.848.6060, Email: rbrooks@arnav.com or visit the ARNAV web site at www.arnav.com.