DynCorp DUATS Flyer

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DynCorp Completes Purchase of GTE DUATS

RESTON, Va., Dec. 13 /PRNewswire/ -- DynCorp -- a $1.4 billion global information technology (IT) and outsourcing solutions company -- today announced the completion of its purchase of GTE Information Systems, LLC, a subsidiary of GTE Corporation. The acquisition was finalized on December 10, 1999 following approval by the board of directors of both companies and completion of the customary regulatory approvals.

The acquisition, which boosts DynCorp's capabilities in high-end information systems, gives DynCorp a leadership position in providing telecommunications and networking services to the federal defense and civil markets. The acquisition is expected to increase DynCorp's annual sales to approximately $1.7 billion in 2000.

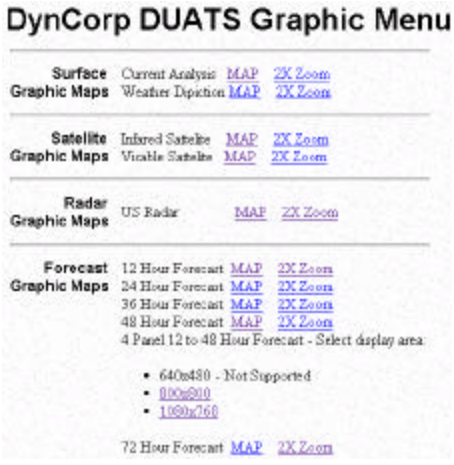
Headquartered in Chantilly, VA with major offices in California, Colorado, Illinois, Maryland, Hawaii and New York, the unit will operate as DynCorp Information Systems, LLC (IS). More than 900 IS professionals and support personnel will continue to provide a wide array of technology offerings and services to the Department of Defense, the federal civil government, state and local governments and selected commercial customers.

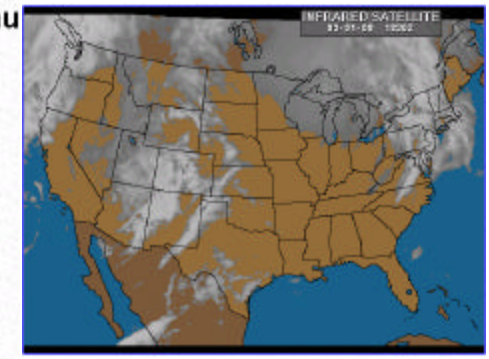
DynCorp staff and management are committed to continuing the Direct User Access Terminal Service (DUATS) as the premier service for preflight planning. Over the 10 year history of DUATS, the program has been owned by Contel, GTE, and now DynCorp. The service, regardless of owner, has continued to improve and DynCorp is dedicated to provide even further enhancements.

The service number 1-800-767-9989, and www.duats.com will not change. The Telnet connection of duats.gtefsd.com and the e-mail address of duats@gsc.gte.com will continue to function until August 2000. Our new Telnet address is direct.duats.com and our new e-mail address is duats@dyncorp.com. Both are currently available for use. E-mail directed from Web DUATS will automatically be directed to the new address. If you have any questions please contact us at 1-800-345-3828, or send an e-mail to duats@dyncorp.com.

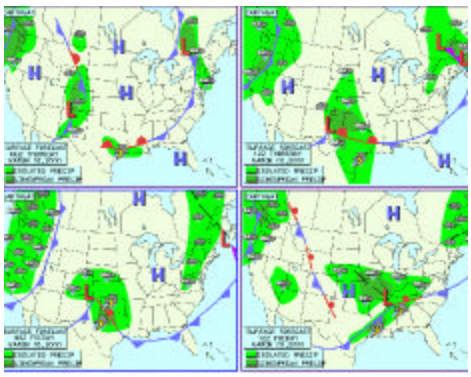
Weather Graphic Maps on Web DUATS.

Located on the Main Menu Page under Weather is a link to the Graphic Menu page.





Single MAP display.



4 Panel MAP display.

To select a graphic simply select "MAP" or "2X Zoom". MAP will produce a graphic and display it on the screen in its entirety. Selecting 2X Zoom will produce a graphic that will fill the screen and can be scrolled both vertically and horizontally Single click on the map to zoom in; another single click will return you to the graphics menu. Under the Forecast section the selection of 800x800 or 1080x768 will produce a 4 panel display showing the 12 through 48 hour Forecast on a single screen. If you select 4 panel, selection of the correct resolution for your computer is important for correct display.

Please retain your DUATS Newsletters for future reference.

DUATS...Still the Fastest Way into the Air & Still Free

Download the latest version of the Cirrus software 3.03 from either the Internet or place your order by calling 1-800-345-3828 or 1-703-818-4634 or e-mail duats@dyncorp.com

Data line: 800-767-9989
Tech support: 800-345-3828 press number 4 after operator
FAX: 703-818-4723
Internet Telnet: direct.duats.com
Internet Web: http://www.duats.com

Equipment Codes

Aircraft Type Designators

As of December 3, 1998, the U.S. adopted the ICAO Type Designators for all aircraft. As with any major change in our national system there have been numerous modifications. There are several ways to check for the correct Type Designator for the aircraft you are flying.

1. On-line DUATS is always current and is official. To obtain a listing of aircraft type go into DUATS "interactively." You can do this by:

- Modem - Dialing 1-800-767-9989 directly
- Using Cirrus' Interactive Login: Found in the "DUATS" pull down menu in Cirrus
- Telnet - direct.duats.com

   Once logging on interactively, you can get a listing of Aircraft Types by typing a ? immediately followed (no space) by the name of the aircraft manufacturer. (Example: ?BEECH). This prompt is available in several places in DUATS, most easily reached by choosing Personal Profile (item 5) from the main menu, and choose Aircraft Type and Equipment (item 8)

2. Cirrus "HELP" has a list by manufacturer. Updated Cirrus 3.03 "HELP" files will soon be available for download from the Web DUATS site or distribution by e-mail. Web DUATS address is www.duats.com and request for e-mail can be sent to duats@dyncorp.com.

3. On Web DUATS, click on the "Aircraft Type/Special Equipment" link. This link is available on every page where Aircraft Type is required. When a dialog box comes up, just type in the manufacturer name and again you will be presented with a list of all designators for aircraft listed under that manufacturer.

Equipment Code

An equipment code must be entered in all flight plans filed with the FAA. Append the equipment code to the Aircraft Type, e.g. C172/A.

Quick Reference Guide

Equipment in Addition to Transponder								
Transponder Type	**None**	**DME**	**TACAN**	**RNAV**	**GPS**	**FMS**	**RNP**	**RVSM**
Transponder With Altitude encoding	/U	/A	/P	/I	/G	/E or /F	/R	/W
Transponder No Altitude encoding	/T	/B	/N	/C				
No Transponder	/X	/D	/M	/Y				

Explanation of the equipment codes. Reference FAA Aeronautical Information Manual (AIM).

DME
- /A and Transponder with Mode C
- /B and Transponder with no Mode C
- /D No Transponder

NO DME
- /T and Transponder with no Mode C
- /U and Transponder with Mode C
- /X No Transponder

TACAN ONLY
- /M No Transponder

(If an aircraft is unable to operate with a transponder and/or Mode C, it will revert to the appropriate code listed above under Area Navigation.)

- /N and Transponder with no Mode C
- /P and Transponder with Mode C

AREA NAVIGATION (RNAV)
- /C LORAN, VOR/DME, or INS, with Transponder with no Mode C
- /I LORAN, VOR/DME, or INS, with Transponder with Mode C
- /Y LORAN, VOR/DME, or INS, with no Transponder

ADVANCED RNAV With Transponder and Mode C

/E FMS with enroute, terminal, and approach capability. Equipment requirements are:
1. Dual FMS which meets the specifications of AC25-15, Approval of Flight Management Systems in Transport Category Airplanes; AC20-129, Airworthiness Approval of Vertical Navigation (VNAV) Systems for use in the National Airspace System (NAS) and Alaska; AC20-130, Airworthiness Approval of Multi-Sensor Navigation Systems for use in the National Airspace System (NAS) and Alaska; or equivalent criteria as approved by Flight Standards.
2. A flight director and autopilot control system capable of following the lateral and vertical FMS flight path.
3. At least dual inertial reference units (IRU's)
4. A database containing the waypoints and speed/altitude constraints for the route and/or procedure to be flown that is automatically loaded into the FMS flight plan.
5. An electronic map (U.S. and U.S. territories only unless otherwise authorized)

- /F A single FMS with enroute, terminal, and approach capability that meets the equipment requirements of /E, 1. through 5. above.
- /G GPS/GNSS equipped aircraft with enroute, terminal, and GPS approach capability
- /R Required Navigational Performance, (Denotes Capability to Operate in RNP designated airspace and routes.)
- /W Reduced Vertical Separation Minima (RVSM)

Aircraft Performance Profiles

Aircraft performance profiles are used by the DUATS Flight Planner to accurately calculate fuel and time for a requested flight. In the case of Cirrus and interactive DUATS, you need only enter the number of the profile filed in the DUATS server. The figure below shows that the requested profile for this flight is "1". This

number corresponds to a specific profile you have stored in your personal Aircraft Performance Profile database in the DUATS server. DUATS provides for storage of up-to 5 Aircraft Performance Profiles.

To assist in making it easier to remember profile information stored in DUATS you can now record a profile number in the Aircraft Database feature in Cirrus. Filling out the Aircraft Performance Profile in the Cirrus Aircraft Database does not mean that you have a profile. Performance profiles must be created interactively on the DUATS server.

To create a performance profile enter DUATS interactively by either:
- Modem - direct dial to 1-800-767-9989
- Telnet - direct.duats.com
- Cirrus - click on the "Interactive Login" icon.

Select Menu Item *2 "Flight Plan and Planner" and proceed to Item #7 "Modify Flight Planner Profile." Next select Item *1 "Aircraft Profiles," then follow the instructions to enter the performance for you aircraft.

Profiles created on the DUATS server provide information to the flight planner when using DUATS interactively or through Cirrus.

Web DUATS profiles are stored on a different server. (You can't use the profiles created interactively on DUATS when using the Flight Planner on the Web.) To create a profile on Web DUATS select "Aircraft Profiles."
You may store performance profiles for up to 10 aircraft for use with the flight planner. Each profile is named; you may choose to name the profiles by aircraft types ("Piper Arrow III") or by N-number ("N6506C"). You may wish to store more than one profile for a given aircraft or aircraft type, for example Piper Arrow III @ 65% and Piper Arrow III @ 75%.

Add New Profile

There are two types of aircraft profiles available. They are identical except for the method that is used to compute fuel consumption.

"New Segment-Model Profile" - Fuel consumption is specified for the climb, cruise, and descent segments of flight. Typically used for piston-powered aircraft.

"New Hour-Model Profile" - Fuel consumption is specified for each hour of the flight (first, second, third, etc.). Typically used for turbine-powered aircraft.