



NASA JSC Photo JSC2000-04091

Nicole Stott, right, flight simulation engineer, uses the Advanced Validation Systems (AVaS) Simulator to test software and avionics upgrades for the Shuttle Training Aircraft as Jack Woods, flight simulation engineer looks on.



NASA JSC Photo JSC2000-04087

Fred Berger, Dyncorp engine technician, inspects a T-38 J-85 engine.

A day in the life at Ellington Aircraft Ops

See what happens in just one month at AOD

- ▲ 500 aircraft parts are tested or repaired;
- ▲ 11 aircraft engines are overhauled or repaired;
- ▲ 40 aircraft tires are changed;
- ▲ 250 personal equipment articles (parachutes, life rafts, oxygen masks or pressure suits) are packed, tested or overhauled;
- ▲ 50 engineering tasks (projects, work orders and MRBs) are in work;
- ▲ 14,500 logistical transactions are conducted;
- ▲ 450 hours of training are completed, including safety, technical and administrative courses;
- ▲ Two or three T-38s undergo inspection including disassembly and removal of flight controls and engines, examination of electrical systems and inspection for evidence of corrosion.



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David Mumme, NASA STA instructor pilot, runs through the cockpit preflight checklist for the Shuttle Training Aircraft.

NASA JSC photos by James Blair



NASA JSC Photo JSC2000-04104

Michelle "Shellye" Gore, SAIC, flight management specialist, assists Charlotte "Charlie" Ober (lower right) as she checks the daily flight schedule. Gore and Ober schedule 25 or more flights per weekday for all NASA aircrews and maintenance teams.



...it's the best flying operation in the world.

—NASA Division Chief Bob Naughton



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The document management team, including (from left to right) Marty Lewis, NASA manager, Mirella Barron, NASA and Gabriele Mathews, Dyncorp, is responsible for maintaining the more than 7,000 documents required for NASA's aircraft fleet.



NASA JSC Photo JSC2000e04106

Shown left to right, Rogelio "Roy" Torrez, NASA aerospace quality specialist, and Andre Davis, Dyncorp egress technician, inspect T-38 egress system.