

Duncan Aviation named Authorized Service Center for Dassault Falcon Jets

Over the past few years, more and more Falcon Jet operators have overflowed Authorized Service Centers to bring their aircraft to Duncan Aviation. They did so because they were comfortable with our high-quality standards for maintenance, modifications and completions work on virtually all business-sized aircraft.

Located in a 240,000-square-foot facility consisting of four hangars, Duncan Aviation is certified and equipped to perform all major Falcon inspections, service bulletin work and repairs. In addition, the Engine Shop at Duncan Aviation is a major service center for the Garrett TFE 731 fanjets

ABEX hydraulic pumps as well as its Intertechnique fuel boost pumps. In addition, Duncan has Components Services Tech Reps available to help operators troubleshoot and fix avionics problems.

"As a top-rated aircraft service and support organization that performs a significant amount of work on Falcons," Morgan says, "our designation as an Authorized Service Center makes sense for the customer. Dassault Falcon Jet and Duncan Aviation. We're excited to join the fine group of Falcon Authorized Service Centers and can't wait to serve you."

For more information about the Falcon work we've completed, give **Tom Burt** in Aircraft Maintenance, **Jeanine Falter** in Aircraft Completions and Modifications or **Rick Whitesell** in Aircraft Components a call at **1.800.228.4277**.



Duncan Aviation has been named a Dassault Falcon Jet Authorized Service Center for the Falcon 10, 100, 20, 200, 50, 900, 900EX and 2000.

and is certified to perform hot section and repair work on GE CF700s.

That high quality work has now been recognized by Dassault Falcon Jet, which last fall designated Duncan Aviation as an Authorized Service Center for the Falcon Jet line of products, including the Falcon 10, 100, 20, 200, 50, 900, 900EX and 2000.

"Our designation as an Authorized Service Center can be attributed to the entire Duncan Aviation staff of 680 employees for their continual, high-quality service on Falcon Jet aircraft," says Duncan Aviation Vice Chairman P.J. Morgan. "These talented people are the reason so many Falcon operators have visited us in the past for service work and they will be the driving force behind our continuing growth."

"I especially want to recognize our Falcon Service Team," Morgan continues. "These people work with Falcon operators on a daily basis to ensure customer satisfaction. In addition to Falcon-specific service managers, we employ more than 50 Falcon-trained technicians who work on Falcons each and every day."

For more than three decades, Duncan Aviation has been building a reputation as one of the premier business aircraft service facilities in the world. In fact, the company has been voted the #1 Avionics Center since 1985, the #1 Maintenance Center since 1989 and the #2 Completions Center in 1994 and 1995 by readers of *Professional Pilot* magazine. Formed in 1956, Duncan has constantly expanded its facilities and technical resources, offering a full-spectrum capability for corporate jets.

Duncan Aviation's Components area—consisting of Avionics, Instruments and Accessories—also has the specialized test stands to repair or overhaul a growing list of Falcon components: inverters, anti-skid servo valves, wheels, brakes, cabin pressure switches, anti-ice valves, fuel boost pumps, hydraulic accumulators, emergency power supplies and more. In fact, Duncan is one of the few shops in the country equipped to rebuild the Falcon's

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Our Avionics Shop makes the most of your time

Technicians in Duncan Aviation's Avionics Shop now require less time to repair certain autopilots and flight directors, thanks to a new Duncan-developed test set—the DATE-1b ATE.



The new DATE-1b ATE test set in Duncan Aviation's Avionics Shop fully automates the testing procedures of certain autopilots and flight directors. Here, the set tests a Collins 562A-5M flight computer while Avionics Specialist Aaron Spulak works on a Sperry FZ500.

All of these benefits result in faster repairs of units and decreased costs.

The set, which was developed by Duncan Aviation's in-house Research & Development group and is in the process of receiving FAA approval, can test nine different flight directors and autopilots, including the following: 562A-5F, 562A-5G, 562A-5M, 562A-5MS, 562C-5, FZ500-905 (pre-mod H, mod H and mod J) and the FZ500-907. Within the next few months, we'll be adding 11 more units to this list.

If you have any questions about our DATE-1b ATE test unit or would like more information about our avionics and instrument overhaul and repair capabilities, give **Rick Whitesell** or **Chris Gress** in Components Service Marketing a call at **1.800.228.4277**.

the components that fixed the failures. This provides an 'expert system' database that can significantly reduce the time it takes for a technician to troubleshoot a unit.

Besides cutting the time it takes to test a unit, the test set doesn't require the constant attention of a technician. It completes the test sequence and prints a list of all test failures. In addition, it tracks the history of test results, keeping track of

TEB satellite shop keeps its installers busy

As the Duncan Aviation satellite avionics shop in the Jet Aviation facility at Teterboro, N.J., nears its one-year anniversary, the list of installations completed there continues to grow.



Besides avionics installations, our TEB satellite shop has the equipment to perform avionics repair and overhaul services.

In the eight months it was open in 1995, Duncan Avionics-TEB completed nine installation projects. These include installation of the following:

- Honeywell TCAS-II in a Challenger 601 and a Gulfstream IV.
- AlliedSignal TCAS-II in a Gulfstream-III.
- AlliedSignal TCAS-I in a Gulfstream-II.
- Trimble TNL-2101 I/O in a Gulfstream-II.
- AlliedSignal GNS-XLS Flight Management System/GPS Receiver and Magnastar digital telephone in a Falcon 10.
- Honeywell TCAS-II, dual Honeywell NZ-2000 Flight Management Systems and dual Honeywell 12-channel GPS receivers in a Gulfstream IV.

- AlliedSignal GNS-XLS Flight Management System/GPS Receiver, AlliedSignal AFIS, AlliedSignal TCAS II and 60 Hz galley power in a Gulfstream II.
- Dual AlliedSignal GNS-XLS Flight Management Systems/GPS Receivers, AlliedSignal AFIS with satellite AFIS, AlliedSignal TCAS II, AirShov 400, Primus 400 radar and DataNav III in a Gulfstream IIB.

These installations were completed by Duncan Aviation installations personnel, which includes three Teterboro technicians and others who traveled from the Lincoln facility to assist with the larger projects.

"Our customers have been very happy with the work they've received here," says Teterboro Shop Manager Terry Markovich. "The turntimes have been excellent and there has been no re-work. With Duncan Avionics-TEB, operators based in the Northeast can receive Duncan-quality avionics

installation work without traveling far from home."

In addition to high-quality installation performed by Duncan Aviation technicians, customers of Jet Aviation can also take advantage of Duncan's world-class avionics repair and overhaul services. The TEB facility has five avionics technicians and provides the

Duncan Aviation has a new Battery Shop

We recently expanded our Battery Shop, providing technicians with a larger work area and more efficient use of space. Mike Noel, shown here as he tests a battery, keeps up-to-date on the latest service bulletins as a dedicated Senior Technician in our Battery Shop.



This shop has the capability to perform scheduled inspections, deep cycles, repair and overhaul services on the following equipment: batteries, emergency power supplies, nickel-cadmium batteries that require constant power sources for charging, PS-823s, GNS-500s, DC-9 power packs, stand-by battery packs and backup gyro sources from manufacturers like JET, Diehl, Marathon, Saft, Grimes, Amps, Aim, Sota and more.

For more information about our new Battery Shop or for information about any accessory repair, call **Rick Whitesell** or **Chris Gress** in our Component Services Marketing area. **1.800.228.4277**.

Good food, great wine and a beautiful Lear 25G

Duncan Aviation and JetResources deliver exquisite Lear 25G to Napa Valley winery owner Gil Nickel

When Gil Nickel, an aerospace engineer and owner of Far Niente, a Napa Valley winery established in 1885, decided he wanted a personal airplane, he knew that he should consult with an expert before making such a complicated purchase decision.

He turned to Duncan Aviation and JetResources, Duncan's aircraft acquisition service, for help.

"I was interested in the efficiency and convenience of having our own business jet," Gil explains. "With all the travel we must do, it was beginning to wear on us a little. I knew that finding and buying the right airplane was a big job requiring total knowledge of the industry. Several people recommended JetResources as the best.

"We set out to find a sharp, low-time, well-maintained and fully equipped Lear 25D or G with no damage history," Gil continues. "With the help of JetResources, we found the lowest total time Lear 25G in the fleet with less than 1,200 hours."

Besides locating the perfect plane for Gil and helping in the negotiation process, Duncan performed a thorough pre-purchase evaluation to ensure Gil knew the condition of the aircraft before buying it.



"I've never felt I was in better hands on any business transaction," Gil says of the JetResources service.

After finalizing the aircraft's sale, Gil asked the experts in Duncan Aviation's modifications area to work with his personal designer, Caroline Ross of Rossi Designs in San Francisco, Calif., to create a luxurious aircraft interior



designed to meet his tastes and lifestyle as well as those of his fiancée, Beth Yorman.

The modifications are truly exquisite.

Gil describes the airplane he set out to create: "We wanted to completely refurbish the airplane to make it the 'Far Niente Learjet,' utilizing the company colors and elegant materials along with a flight attendant trained in the culinary arts to provide three-star food and wine service on board. In addition, we wanted state-of-the-art creature comforts, such as stereo and

video equipment, and the latest in avionics and navigational equipment."

Caroline Ross says "Overall, we wanted to accomplish an appearance of beauty, style and speed with a mystical, magical quality filled with vigor and life. In order to do this, the design had to be elegant, yet inviting and friendly. We wanted a modern look complemented by an air of tradition. And the interior had to be functional, comfortable and spacious."

To accomplish this, the exterior of the aircraft was painted in gloss black base with gold stripe and deep red pinstripe detailing on the registration numbers, logos and stripe design. Far Niente's intricate, three-color logo was also applied to both sides of the vertical stabilizer and fuselage, just forward of the entrance door location.

On the interior, rich colors and woods were used to provide a feeling of warmth to those in the cabin. To provide the perfect color balance, Rich Burgundy was complemented with Butter Yellow seat leather and Beige Parchment sidewalls. Duncan-developed one-piece interior panels were used to give a contemporary look to the aircraft's interior.

We do this by providing all of the market research, aircraft evaluation, negotiation, prepurchase evaluation and acquisition assistance you need.

If you're in the pre-owned aircraft market, give us a call and let us know which make, model and year you have in mind. We'd be happy to assemble a packet with the number of aircraft for sale, the asking prices or anything about operating specs and costs that you'd like to know. If you already own an aircraft, we'll even give you an idea of what it is worth in today's pre-owned market. There's no obligation. Just give JetResources a call at **1.800.228.4277**.



In The Market?

Duncan Aviation's JetResources team has two objectives. The first is to assist you in purchasing the best available aircraft that suits your requirements, at the lowest possible price. The second is to minimize the financial risk associated with purchasing a pre-owned aircraft by utilizing the considerable technical resources of Duncan Aviation.

We do this by providing all of the market research, aircraft evaluation, negotiation, prepurchase evaluation and acquisition assistance you need.

If you're in the pre-owned aircraft market, give us a call and let us know which make, model and year you have in mind. We'd be happy to assemble a packet with the number of aircraft for sale, the asking prices or anything about operating specs and costs that you'd like to know. If you already own an aircraft, we'll even give you an idea of what it is worth in today's pre-owned market. There's no obligation. Just give JetResources a call at **1.800.228.4277**.



