

TURBOPROPS/HELICOPTERS			
Company	Mod Specialty/Base Price	Applicable Aircraft	Remarks
<b>AAR Aircraft Services-Oklahoma</b> 6611 S. Meridian Oklahoma City, Okla. 73159 (405) 218-3000 Fax: (405) 218-3614	(1) Baggage systems (2) Camera mods	(1) BAe Jetstream 31/32; de Havilland DH-7; Dornier 228; Fairchild Metro II/III; Saab 340A/B (2) Cessna 400 series; Bombardier (DHC) Dash 8	Cargo conversions for MU-2, Beech King Air series, Cessna 441 also available.
<b>Aero Crafters, Inc.</b> 219 Barry Watley Way Griffin, Ga. 30224 (770) 227-6600 (800) Navajos Fax: (770) 412-0777	(1) Crew hatch conversions*/\$13,900 (2) Cargo door conversions*/\$49,000 (3) Spar repair/strap installation/\$13,500	(1) Beech BE-90, -99, -100, -200 series (2) Beech BE-90, -100, -200 series (3) Beech BE-90, -100, -200 series	STC pending for pressurized King Air cargo door. *Not pressurized.
<b>Aircraft Acoustics, Inc.</b> 14 Vista Dr. Little Rock, Ark. 72210 (501) 221-0300 Fax: (501) 221-0370	"Quiet Flite" interior noise and vibration reduction systems: (1) \$14,900 plus installation (2) \$12,500 plus installation	(1) Beech 1900, King Air 100, 200, 300, 350 (2) King Air 90 series	STC includes all military variants of King Air series.
<b>Airtech Canada/ Aviation Services Ltd.</b> P.O. Box 415 Peterborough, Ontario K9J 6Z3 Canada (705) 743-9483	(1) Reengining, prop conversion/\$146,938 (2) Nosewheel steering lock/\$8,905 plus installation* (3) Customer sheet metal forming (4) Interior mods and completions for air ambulance (5) Custom airframe modifications (6) Geophysical survey modifications	(1) DHC-3 Otter* (2) Fairchild SA 26T Merlin (3) (6) Most fixed- and rotary-wing aircraft	*Kits available. Installation available.
<b>American Aviation, Inc.</b> 10555 Airport Dr. Dover d'Alene Airport Hayden Lake, Idaho 83835 (208) 762-8815 (800) 423-0476 Fax: (208) 762-8349	(1) Ram Air Recovery/pitot cowl systems/\$19,975 Low-soot-exhaust speed stack/\$9,400 (2) Low-soot-exhaust speed stack/\$10,500	(1) Piper PA-31T (Cheyenne I, II, IIXL) (2) Cessna 425 Conquest I	Cheyenne: High-pressure recovery cowlings increase speed, increase torque. Speed stacks increase cruise 5 to 8 kts. Conquest I speed stacks increase cruise 7 to 9 kts. PA 31T PT6A-135 conversion STC.
<b>Atlantic Aero, Inc.</b> P. O. Box 35408 Greensboro, N.C. 27425 (336) 668-0411 (800) 334-2001 Fax: (336) 668-4434	(1) Cessna Caravan cargo to passenger configuration (2) Caravan "Combi" conversion (3) Caravan seats, deluxe or standard (4) Retractable air stair (5) Adjustable cargo net (6) "Belly Beacon" (7) Main gear fairing support (8) Engine power analyzer and recorder (Call for prices)	(1), (2), (3), (4), (5), (6), (8): Cessna 208 series (7) Cessna 208B	Mods available in kit form. All mods are STCed. Parts are PMA approved. (1) Conversion includes windows, trim, carpet, sidewall fabric, heating and ventilation systems and passenger stairs. (2) Relocates cargo barrier to permit installation of two additional seats in freight- configured aircraft. (5) Replaces partition nets with adjustable length, over-the-top net. (6) Light allows aircraft dispatch with inop erable wingtip strobes. (7) Replaces metal fairing supports with molded elastomer rib. Avionics upgrades available. 1998 data.
<b>Avcon Industries, Inc.</b> City-County Airport P. O. Box 748 Newton, Kan. 67114 (316) 284-2842 Fax: (316) 284-2844 www.avcon@feist.com	(1) Cargo doors and freighter conversions/ \$90,000 to \$400,000 (2) Camera mods/on request (3) Special mission mods—wing hard points, belly radar, FLIR/on request	King Air series	Company holds 240 STCs. Camera mods available installed or as kit.
<b>AviaDesign, Inc.</b> 375 Durlay Ave. Camarillo, Calif. 93010 Phone/Fax: (877) 359-2842 P.O. Box 305 Phone/Fax: (604) 795-6348 www.aviaproducts.com	(1) Saunders Spar Strap reinforcing kit/\$21,500 installed (2) Saunders Wing Life Extension/\$21,500 installed (3) Hydraulic landing gear conversion/\$38,500 (4) Saunders Super Spar/\$79,000 installed (5) Single-point pressure refueling system \$19,500 installed (6) "Super Snout" extended nose baggage compartment/\$55,000 installed	(1) (3) Beech 90, 100, 200 and 99 series; Swearingen/Fairchild SA-226T/AT (2) Beech 99 series (4) Aero/Twin Commander 690 series (5) Beech 90, 100 and 200 (6) Cessna 208	Mods are marketed exclusively through: Aerospace International, Inc. Chilliwack Main Chilliwack, B.C., Canada V2P 6J4 (877) 359-2842
<b>Basler Turbo Conversions, LLC</b> P.O. Box 2305 Oshkosh, Wis. 54903 (920) 236-7820 (800) 558-0254 E-mail: bastomrw@execpc.com www.baslerturbo.com	(1) P&WC PT6A-67R engine conversion, five-blade Hartzell propellers, 38 passengers, cargo door, gross weight increase, noise reduction/\$3.5 million to \$4 million (2) Aircraft conversion with structural reinforcements, PT6A-34 engine, new paint and air conditioning	(1) Douglas DC3/C47 (2) Cessna P210	(1) Configured for cargo, passenger, paratroop, geo- physical survey, gunship, maritime patrol and search and rescue. (2) Six-place executive
<b>Boundary Layer Research, Inc.</b> 3125 100th St. S.W. Hangar C75-5 Everett, Wash. 98204 (425) 353-6591 (800) 257-4847 Fax: (425) 355-3046	(1) Operational weight increase/\$6,000 (2) Dual tailboom strakes/\$10,000	(1) Cessna 441 "Conquest II" (2) Bell UH-1, 205	(1) Max ramp, gross and zero fuel weight increase pending; 315-lb max landing weight increase pending. (2) Increased max operating altitude, payload at altitude, crosswind tolerance for reduced crew fatigue, lower operating costs. PA-31T weight/performance package in development.

**TURBOPROPS/HELICOPTERS**

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<b>Butterfield Industries</b> 5107 Shannon Vly. Ln. S.E. Rochester, Minn. 55904 (507) 281-4113 (800) 524-3404 Fax: (507) 281-3994	(1) Flow-through anti-ice system/\$2,560 (2) Oil residue collection system/\$1,375 (3) Air/oil separator/\$1,950	(1) King Air 200 series (2) King Air 200 series; Cessna 208 series	Inline airfoil separator/ collector for King Air 90 to be available in 2000. (3) King Air 300, 350
<b>Commander Aero</b> 10570 Springboro Pike Miamisburg, Ohio 45342 (937) 885-5580 Fax: (937) 885-5586	"Aerodyne" winglets/\$6,000 to \$7,000, installed	Aero Commander 690, 690B series	Field installation kits available. Winglet recognition lights available; aerodyne radome repair.
<b>Commuter Air Technology Inc.</b> 14700 N. Airport Dr. Ste. 206 Scottsdale, Ariz. 85260 (480) 998-1235 Fax: (480) 998-1239	(1) Catpass 250 and Catpass 250 SM (2) Special missions aeromaritime patrol and military conversions (3) Pressurized crew and cargo doors (4) 60-cu.-ft. cargo pod (5) QC interiors (6) 600-lb zero-fuel-weight increase kit (7) Nose baggage increase mods/cargo compartment (8) Left overwing emergency exit (9) Low-drag exhaust extractors (10) Engine oil low-pressure warning system (11) Search radar, FLIR systems; ASW sensors; systems integration (12) Hard points	(1), (6), (8), (9), (10) Beech 200 series (7) Beech 90, 100, 200 series All others available for Beech 90, 100, 200, 300 series aircraft	Raisbeck Engineering and Butterfield mods; Avia Design, Inc./ Saunders upper- and lower-spar reinforcement; other operational performance; passenger/cargo and systems mods available.
<b>DeVore Aviation</b> 6104-B Jefferson Blvd., N.E. Albuquerque, N.M. 87109 (505) 345-8713 Fax: (505) 344-3835	(1) Tail lighting systems/\$900 to \$8,000 (2) Zapper chip detector kits/NA	(1) All turboprops and turbine helicopters (2) Most turbine helicopters	
<b>Downtown Airpark, Inc.</b> 1701 S. Western Ave. Oklahoma City, Okla. 73109 (405) 634-1456 (800) 253-1456 Fax: (405) 634-4942	(1) TPE331-10 conversion (2) Camera mods (3) Renaissance Commander (4) Active noise control (5) Vapor-cycle air conditioners (6) Spar cap replacement (7) Surface Seal coated glass (8) Winglets	(1), (5) Commander 690A, B, C, D (2), (7) Commander, King Air series, Cessna, Learjet, Piper aircraft (3), (4), (6), (8) Twin Commander series	Interior enhancements; other mods available.Prices on request. Horizontal leading edge replacement, service bulletin compliance and structural repairs for Commander airplanes available. Mods also can be performed at DTA Corporate Jet Div., (405) 350-1161.
<b>Duncan Aviation</b> Lincoln Airport P. O. Box 91887 Lincoln, Neb. 68501 (402) 475-2611 (800) 228-4277 Fax: (402) 475- 5541	(1) Custom galley cabinets/\$90,000 to \$150,000 (2) Garrett APU installations (3) TCAS installations/\$90,000	(1) Dornier aircraft (2) Saab 340 (3) Numerous aircraft	Mods also can be performed at Duncan Aviation Battle Creek: (616) 969-8400; fax: (616) 969-8432. and at Duncan Aviation Kalamazoo, Mich.
<b>Elliott Aviation, Inc.</b> Quad City Airport P.O. Box 100 Moline, Ill. 61266-0100 (309) 799-3183 Fax: (309) 799-9893 www.elliottaviation.com	(1) ITT increase (2) Elliott Aviation Sound Management System (3) AlliedSignal CAS-66A TCAS I, CAS-67A TCAS II (4) AlliedSignal Mark VI GPWS and Mark VII EGPWS (5) Collins EFIS-40 (6) Universal UNS-1D, -1K FMS	(1) (4) King Air 90 series (2) King Air 200, 300 series, 1900D Twin Commander series (3) King Air 200, 300 series (4) King Air 90, 200, 300 series (5) King Air 90 series (6) King Air 200, 350 series	Company installs BFGoodrich Advisory Ice Detection System in King Air 100, 200, 300 series.
<b>Executive Wings Inc.</b> Lakeland Municipal Airport 3480 Airfield Dr. W. Lakeland, Fla. 33811 (863) 648-1648 (800) 669-2704 Fax: (863) 644-0757 90 and 200 series.	(1) Engine conversion/\$249,900 to \$430,000 (2) Hartzell four-blade propellers/\$37,995 to \$41,949, exchange (3) Winglet kit/\$5,900 to \$8,995 (4) Super-soundproofing/\$8,945 (5) Executive Wings/McCauley five-blade propeller/ \$54,995, exchange	(1) Cessna 441 Conquest II; Aero Commander 840, 690,  (2), (3), (4) Cessna 441, King Air 100 (5) King Air B-100	(1) Converts AlliedSignal TPE331-5/-6/-8 series 900 series; Beech King Air B-100 engines to TPE331-10. Mod increases cruise 25 to 40 kts.; interior noise reduced 8 to 10 dB. winglets in development for Beech
<b>Fort Worth Airworks, Inc.</b> 8371 Corona Loop N.E. Albuquerque, N.M. 87113 (505) 828-1012 Fax: (505) 828-3960	Vapor cycle (R-134/R-134A) airconditioning kits and components	Cessna 441, Conquest II	Cessna-approved Zephyr air conditioning kit installation available through Cessna and approved centers.
<b>Frakes Aviation</b> 2101 W. Kilpatrick Cleburne, Texas 76031 (817) 556-0700 Fax: (817) 556-0120	(1) Low-drag, high-recovery nacelles/ prices on request (2) Reengineering with P&WC PT6A-34; remanufacture/\$2.5 million to \$3.5 million (3) Low-drag exhaust stacks/\$8,000 to \$13,000 (4) Auto-feather system/Price on request	(1) Beech King Air 90, 99, 100 series (2) Grumman G-73 Mallard (3) Beech King Air 90, 99, 100, 200, 300 and 350 series; de Havilland DHC-6, Piper PA-31T and PA-42 (4) Beech 90, 99, 100/Piper PA-31T	(2) Customers with unmodified aircraft call for estimated cost of conversion. Production of Frakes Turbo Mallard in development.

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<b>Garrett Aviation Services</b> 432 N. 44th St. Ste. 340 Phoenix, Ariz. 85008 (602) 244-8877 Fax: (602) 244-9890	TPE331-10 conversions	Beech B-100; Aero/Twin Commander	-10 conversions can be performed at all Garrett facilities; Houston facility also does Grand Renaissance Commander conversions.
<b>Global Helicopter Technologies, Inc.</b> Arlington Airport 5070 S. Collins Arlington, Texas 76018 (817) 557-3391 Fax: (817) 557-3392 E-mail: ghti@airmail.net	Modifications, STCs for powerplant and dynamic systems, structures/hoists, fire-fighting water tank kits, door kits, custom design and certification/prices on request	Bell 205, 206B, 206L, 212 412; UH-1H; Eurocopter AS350 and BK117	Wide range of kits available, including engine upgrade and vibration monitoring systems; water tank installations.
<b>Hartzell Propeller, Inc.</b> Propeller Pl. Piqua, Ohio 45356-2634 (937) 778-5726 Fax: (937) 778-4321 (800) 942-7767 www.hartzellprop.com	Four-blade propeller kit	(1) Cessna 441 (Conquest II) (2) Cessna 208, 208A/B	(1) Approved for TPE331-8 One and -10 engines; no Beta tube change required. Reduction in cabin noise level.
<b>Hell-Dyne Systems</b> P.O. Box 966 Hurst, Texas 76053 (817) 282-9804 Fax: (817) 282-8329	(1) Helicopter AFCS/\$150,000 to \$350,000 (2) Aeromed, law, exec. systems and mission-specific equipment/\$100,000 to \$450,000	All Bell, Eurocopter and McDonnell Douglas helicopters	
<b>Innotech-Exeacire Aviation</b> 10225 Ryan Ave. Dorval, Quebec Canada H9P 1A2 (514) 636-8484 (800) 463-9625 Fax: (514) 636-8575	(1) Heavy structures and systems mods (2) Flight inspection equipment (3) Avionics systems STCs	(1) Business aircraft and some transport (2) DHC-8 (3) All corporate turboprop aircraft	(3) Can be performed at Innotech-Exeacire facility at Richmond, B.C., Canada: (604) 273-8686; (800) 663-0923; fax: (604) 273-5813; fax: (514) 636-8573. Speciality engineering and structural mods/repairs available.
<b>Intercontinental Jet Corp.</b> 3322 N. 74th E. Ave. Hangar 27 Tulsa, Okla. 74115 (918) 834-8888 (800) 349-6827 Fax: (918) 834-1751	(1) AlliedSignal TPE331-10 engine conversion (2) MU-300 airspeed modification	(1) MU-2 series	-10AV conversion for MU-2J, K, L and M series; -10T for Mu-2N and P series.
<b>JetProp LLC</b> E. 6427 Rutter Rd. Spokane, Wash. 99212 (509) 535-4401 Fax: (509) 534-2025 www.jetprop.com	Convert powerplant from Continental or Lycoming piston engine to PWC PT6A-34 with Hartzell four-blade, reversible, full-feathering propeller and other system changes/\$589,000	Piper PA-46 Malibu/Mirage	PT-6A-34 flat-rated to 560 shp; ROC 3,000 fpm; max operating altitude FL 270; range 1,200 nm; max fuel 161 gallons (1,230 lb); IFR.
<b>Kelowna Flightcraft</b> #1-5655 Kelowna Airport Kelowna, B.C. V1V 1S1 Canada (250) 491-5568 Fax: (250) 491-5518	Convair stretch; reengining with Allison 501D22 engines/\$6.5 million to \$7 million	Convair 340, 440, 580, C131	Designated Convair 5800.
<b>Keystone Helicopter Corp.</b> 1420 Phoenixville Pike West Chester, Pa. 19380 (610) 644-4430 Fax: (610) 644-7681	Corporate, law enforcement and medical interiors; avionics integration; DER support/ Prices on request	Bell 206, 230, 407, 412 series; Eurocopter 365; BO 105, BK117 series;	Numerous STCs held. DER support available. Sikorsky S-76 series
<b>McCaughey Accessory Div./Cessna Aircraft Co.</b> 3535 McCaughey Dr. Vandalia, Ohio 45377 (937) 890-5246 (800) 621-PROP Fax: (937) 890-6001	Propeller upgrade kits for P&W Canada and AlliedSignal Engine (Garrett)-powered aircraft	Beech King Air 90, A100, B200 series; Bombardier DHC-6; Fairchild Metro III; Piper Cheyenne II; Cessna 421 and 425; Jetstream 31, 32 and 41; Ayers turbine-powered agricultural-application airplanes	Black Mac turbine STCs; replacement kits.
<b>PATS inc.</b> 9570 Berger Road Columbia, Md. 21046 (410) 381-1000 Fax: (410) 290-6966 www.patsinc.com	Auxiliary Power Units PATS builds APU assemblies consisting of the engine, starter/generator, fire detection/extinguishing air ducting, and electrical control systems/\$200,000	Gulfstream series; Saab 340; DHC-7, DHC-8; Beech King Air, Beech 1900; Fokker F-27; Jetstream	Over 60 STCs held. PATS' APU kits can be installed at most maintenance/modification centers worldwide. Georgetown, Del., facility now open. 1998 data.

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<b>Precise Flight, Inc.</b> 63120 Powell Butte Rd. Bend, Ore. 87701 (541) 382-8684 (800) 547-2558 Fax: (541) 388-1105	Pluse light/\$2,344 Pluselite with TCAS activation/\$2,495	Available for most turboprop and rotary-wing aircraft.	
<b>Premier Air Center</b> 18 Terminal Dr. East Alton, Ill. 62024 (618) 259-3230 (800) 851-5026 Fax: (618) 259-7954	Lead acid battery conversion Stainless steel exhaust fairings	Cessna 441 (Conquest II)	Distributor for Lord Corp. active noise canceling systems
<b>Raisbeck Engineering, Inc.</b> 4411 S. Ryan Way Seattle, Wash. 98178 (206) 723-2000 (800) 537-7277 Fax: (206) 723-2884	(1) Hartzell/Raisbeck "Quiet Turbofan" four-blade propellers/\$\$40,950 to \$47,950, kits (2) Ram Air Recovery System/\$16,950, kit (3) Enhanced-performance leading edges/\$21,450, kit (4) Dual aft-body strakes/\$7,950, kit (5) High-flotation gear door/\$16,950, kit (6) Nacelle wing lockers/\$25,450, kit (7) Composite exhaust-stack fairings/\$4,950, kit (8) Enhanced performance package/\$51,950 to \$95,950, kit (9) Increased gross weight mod (as part of (8)/\$51,950 to \$64,950, kit	(1) Beech 90, A/B/C/E90, F90, 100, A100, 200, B200 (2) (3) Beech 200 and B200 series (4) (6) (7) All Beech King Air models (5) Beech F90, 100 and 200 series (8) Beech C90/A/B, E90, 100, A100, 200, B200 (9) Beech C90, E90, 100, A100	Available for both high-flotation and standard gear configurations. Packages can include propeller, Ram Air Recovery, enhanced-performance leading edges, strakes, fully enclosed gear door mods plus approval for operations at increased weights, reduced rpm and/or shorter runway and FAR 25 balanced field length requirements. All prices exclude installation and paint where applicable.
<b>The ServiCenter, Inc.</b> 7301 N.W. 50th Bethany, Okla. 73008 (405) 789-5000 (800) 299-8546 Fax: (405) 789-5995	(1) Camera mods/\$35,000 to \$225,000 (2) Wide-open cabin door mod/\$49,000 (3) Gear door removal mod/\$750 (4) Wing spar upgrade/\$80,000 and up (5) Vapor-cycle air conditioning/\$35,000 and up (6) Renaissance Commander completion center/\$500,000 to \$2.3 million (7) Dash 10 completion center/\$330,000 and up (8) New tail pipe system/\$6,995 (9) Landing gear strut ServiSeal kit/\$110	(1) All aircraft (2), (3), (9) Most Commander models (4) Commander 690, 690A/B (5) Most light and medium turboprop aircraft (6) Commander 690 A/B/C/D; 695 A/B (7) Commander 690A/B/C/D (8) Commander 690, 690A/B	Avionics installations available.
<b>Soloy Corp.</b> 450 Pat Kennedy Way S.W. Olympia, Wash. 98501 (360) 754-7000 Fax: (360) 943-7659 www.soloy.com	(1) Turboprop/gearboxes for Rolls-Royce Allison 250-C205 conversion (2) Soloy DualPac Pathfinder 21 P&WC twin-engine, single-propeller conversion	(1) Cessna 206, 207 turbine conversion (2) Initial installation on Cessna 208B;	Soloy Pathfinder 21 FAA certification expected 4th quarter 2000.
<b>Spoilers, Inc./Power-Pac Spoiler System</b> 8719 S.R. 16 N.W. Gig Harbor, Wash 98332 (253) 851-1769 (253) 858-6281	Hydraulic descent control spoilers/\$7,495 kit (installation \$2,200)	Cessna 425 "Conquest I"	50 U.S. installation centers; call for international dealers. Spoilers increase descent rate up to 3.5 times; function as speed brake.
<b>Tradewind Turbines</b> Tradewind Airport P.O. Box 98 Ashland, Kan. 67831 (316) 635-4055 (800) 873-5204 Fax: (806) 335-9550	Allison 250 conversion/\$455,000 to \$470,000	Beech 36 series	Includes paint, built-in oxygen system.
<b>Tridair Helicopters, Inc.</b> 3000 Airway Ave. Costa Mesa, Calif. 92626 (714) 540-3000 Fax: (714) 540-1042 E-mail:gemini@tridair.com www.tridair.com	Gemini ST twin-engine conversion/\$725,000 to \$795,000	Bell 206L-1 and 206L-3, 206L-4	Converts LongRanger with two All 250-C20Rs rated at 450 shp each. Available as new aircraft from Bell or Tridair. FAA-approved for single-engine operation. Takeoff weight increased to 4,550 lb; 100-pound useful load increase; service ceiling 20,000 ft.
<b>Turboprop East, Inc.</b> 836 State Rd. North Adams, Mass. 01247 (413) 664-4585 Fax: (413) 663-3764	SK spar mod/Kit from \$9,800, excluding fasteners	Beech Queen Air 80 series, King Air 90, A/B/C, E90, F90, B100, B200	Kit form. Numerous U.S. installation centers. Structural analytic engineering consulting available.
<b>Twin Commander Aircraft Corp.</b> 19010 59th Dr. N.E. Arlington, Wash. 98223 (360) 435-9797 Fax: (360) 435-1112	(1) Engine retrofit or conversion (TPE331-5 to TPE331-10/\$360,000 to \$380,000 continued time or \$485,000 to \$550,000 at overhaul (2) 690C to 695 conversion/\$525,000 to \$575,000 (3) 690D to 695A conversion/\$550,000 to \$625,000 (4) Grand Renaissance Commander conversion/Average \$1,400,000 (5) "Ultraquiet Cabin" active noise control/\$39,500 to \$42,500	(1) Aero/Twin Commander 690A-D (2) 690C (3) 690D (2) (4) (5) 690A/B, 695A/B	(1) Increases TBO, HSI intervals; ROC, cruise speeds increased; improved fuel efficiency. (2), (3) -10 engine enables higher gross weight, max operating altitude of 35,000ft. Includes new lift detector system, new data plate. (4) Includes -10 engine overhaul option.

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<b>Vazar Aerospace</b> 3025 Eldridge Ave. Bellingham, Wash. 98225 (360) 671-7817 Fax: (360) 671-7820	P&WC PT6A-34, -135, -135A conversion kit/ \$198,000 plus engine, installed Long-range fuel system/\$2,500, kit Hartzell large-diameter prop/\$11,000, exchange High-density seating (16 seats)/\$20,000 Scenic fuselage windows/\$25,000	Bombardier DHC-3 Otter	New PT6A-135 engines available for \$269,000.
<b>West Star Aviation Inc.</b> 796 Heritage Hwy. Grand Junction, Colo. 81506-8643 (970) 243-7500 (800) 255-4193 Fax: (970) 242-5178	(1) Engine conversion/\$338,000 to \$497,000 (2) Super soundproofing/\$7,500 to \$8,500 (3) Lead acid battery conversion/\$4,942 (4) McCauley Black Mac and Hartzell four-blade propeller conversions/\$35,000 to \$45,000 (5) Stainless steel exhaust fairings/\$6,500 to \$8,500 (6) Dual master warning system/\$5,900 (7) Lead acid battery conversion/\$4,950 (8) Collins APS-65 digital autopilot/\$125,000 to \$155,000 installed. (9) Gross weight increase/\$6,900 (10) Wingtip recognition lights/\$10,000 to \$12,000 (11) Medical interiors (12) Zephyr air conditioning/\$32,500 installed	(1), (10), (12) Cessna 441 (Conquest II) (11) Various Beech, Cessna and Piper models	(1) Converts AlliedSignal TPE331-8 to 2,500 hr. HSI and 5,000 hr. TBO TPE331-10N.

## JETS

Company	Mod Specialty/Base Price	Applicable Aircraft	Remarks
<b>AAR Aircraft Services-Oklahoma</b> 6611 S. Meridian Oklahoma City, Okla. 73159 (405) 218-3000 Fax: (405) 218-3614	(1) Freon air conditioning/NA (2) Preheat units/NA (3) Inlet nacelle replacement for all 731-powered airplanes/NA	IAI 1121, 1123, 1124; Cessna 500 series; Sabreliner 40, 60, 75	Installed or kit. Prices on request.
<b>ABS Partnership</b> 1335 Greg St., Ste. 105 Sparks, Nev. 89431 (702) 331-7324 Fax: (702) 331-4454	Stage 3 noise reduction/\$1.45 million to \$2.265 million (Application has been made to the FAA for existing STCs to allow previously hush-kitted DC-9-10/-20/-30/-40 series aircraft to operate at their Stage 2 limits.)	DC-9/10, -20, -30, -40, -50	-17 powered DC-9-50 series approved for 121,000-lb max takeoff weight.
<b>AlliedSignal Engines</b> 6201 W. Imperial Hwy. Los Angeles, Calif. 90045 (310) 568-3729 Fax: (310) 568-3715	(1) TFE731-5BR engine conversion/\$3.780 million (2) TFE-731-40 engine conversion/approx. \$4.2 million (Mods performed by <b>Garrett Aviation Services</b> , 2 N. Airport Dr., Springfield, Ill. 67207.)	Falcon 20 series	(1) Engine retrofit only. Thrust reversers: \$370,000; refurb optional. (2) Price varies with engine status. Retrofit includes Integrated Powerplant system, BASC, electronic engine instrument display and improved rudder system.
<b>AvAero Aircraft Noise Reduction</b> 129 6th Ave. N. Safety Harbor, Fla. 34695 (727) 791-7856 Fax: (727) 791-8052	Stage 3, Chapter 3 noise reduction hush kit/ approximately \$1.5 million	Boeing 737-100/200	Available 30 days ARO.
<b>Avcon Industries, Inc.</b> City-County Airport Newton, Kan. 67144 (316) 284-2842 Fax: (316) 284-2844 E-mail: avcon@feist.com	(1) Cargo doors; freighter conversions/\$90,000 to \$400,000 (2) Avcon fins, Range Extension (R/X)/\$80,000 to \$155,000 (3) Special mission: camera mods, wing hard points, belly radar, FLIR/NA	(1) Falcon 20; Learjet series (2) Learjet 35, 36 (3) Cessna Citation; Learjet series	Avcon fins are similar to Learjet 31 delta fins. (2) Mod increases MTOW. (2) Bombardier Business Aviation Services distributes and installs mods.
<b>AviaDesign, Inc.</b> 375 Durley Ave. Camarillo, Calif. 93010 (805) 981-3940 Fax: (805) 988-0570 www.aviaproducts.com	Single-point refueling system/\$36,000	Cessna 500, 550, S550, 552 and 560 series	Modification marketed through: Aerospace Int'l., P.O. Box 305, Chilliwack Main, Chilliwack, B.C., V2P 6J4 Canada (877) 359-2842; (604) 795-6348
<b>Aviation Equipment, Inc.</b> 7230 Fulton Ave. N. Hollywood, Calif. 91605 (818) 982-6700 Fax: (818) 503-0663	General Electric CJ610 hush kit/\$125,000	Learjet 20 series	Complete with FAR Part 36 Stage 3 Req. Installation requires removal of tail pipe and thrust reverser.
<b>Aviation Partners, Inc.</b> P.O. Box 81107 Seattle, Wash. 98108 (206) 763-6796 (800) 946-4538 Fax: (206) 762-1158 www.aviationpartners.com	IISP Advanced Blended Winglet aerodynamic improvement/\$475,000, installed	Gulfstream II	Design, manufacture and marketing of Blended Winglet Performance Systems (IISP for the Gulfstream II).

# JETS

Company	Mod Specialty/Base Price	Applicable Aircraft	Remarks
<b>BFGoodrich Aerospace</b> 850 Lagoon Dr. Chula Vista, Calif. 91910 (619) 691-4111 Fax: (619) 691-2905	"Super 27" Stage 3/ICAO Chapter 3 noise reduction, performance enhancement reengineering, new nacelles, struts, mounts and thrust reversers/ Call for prices	Boeing 727 series	Replaces existing powerplants with P&W JT8D-217C/219 engines. Mod provides lower fuel burn, increased range and MTOW, enhanced hot/high performance, reduced emissions and operating costs. 1998 data.
<b>Branson Aircraft Corp.</b> 12055 E. 44st Ave. Denver, Colo. 80239 (303) 371-9112 Fax: (303) 371-1813	(1) Fuel systems/\$90,000 (2) Cargo systems/\$20,000 (3) Gross weight increase/\$10,000 (4) Citation I and II aeromed interiors/\$76,000 (5) Aft baggage area/\$32,000 (6) Cargo door systems/\$120,000 to \$525,000	Cessna Citation series; Beech 400 (Diamond) series; Fokker/Fairchild F27/227	Holds over 50 STCs. 1997 data.
<b>Burbank Nacelle Corp.</b> Hangar 34 2850 N. Clybourn Burbank, Calif. 91505 (818) 843-8242 Fax: (818) 843-4510	Stage 3 hush kits	Boeing 707, DC-8-62/63 series	707 with -7 engines is 3 dB below Stage 3 limits; hush kit for DC-8-50, -55, -61 STC expected April 2000.
<b>Coffeyville Aircraft, Inc.</b> P. O. Box 322 Municipal Airport Coffeyville, Kan. 67337 (316) 251-4310/5933 Fax: (316) 251-9172	(1) Fully enclosed tailcone aft baggage kit/\$16,500 and up (2) Tailcone forward baggage extension kit/\$6,250 (3) Tailcone aft baggage tube extension kit/\$4,500 and up (4) Battery relocation kit/\$4,500	(1) Cessna 500, 501, 550, 551 (2) Cessna 550, S550, 560 (3) Cessna 500, 501, 550, 551, S550, 560 (4) Cessna 550, 551	Complete kits shipped unassembled, or partially pre-assembled. Installation available at Coffeyville Aircraft. Less than one week downtime.
<b>DeVore Aviation Corp.</b> 6104-B Jefferson Blvd., N.E. Albuquerque, N.M. 87109 (505) 345-8713 Fax: (505) 344-3835	Tail lighting systems/\$900 to \$8,000	All corporate jets	Complete kits ready to install. All kits are STCed.
<b>DuganAir Technologies, Inc.</b> 1715 114th Ave. S.E. Bellevue, Wash. 98004 (425) 451-8565 Fax: (425) 451-8606	Quiet Wing System Stage 3 noise reduction/performance improvement system/\$895,000 to \$2.3 million	Boeing 727-100, -200 series	Certified to FAR Part 36 and ICAO Chapter 3, Annex 16. Range, fuel burn, payload improvements.
<b>Duncan Aviation</b> Lincoln Airport P.O. Box 81887 Lincoln, Neb. 68501 (402) 475-2611 (800) 228-4277 Fax: (402) 475-5541	(1) AlliedSignal APU/\$215,000 to \$285,000 (2) Custom galley cabinets/\$90,000 to \$150,000 (3) TCAS/\$90,000 to \$200,000 (4) Satcom systems/\$40,000 to \$400,000 (5) Cockpit refurbishment/\$1,200 to \$36,000 (6) Entertainment systems/\$25,000 to \$125,000 (7) One-piece headliner-sidewall/\$30,000 to \$50,000 (8) Enhanced EGPWS installations/\$80,000 to \$120,000	(1) Cessna 650; IAI 1125; Falcon 20 (2) Citation; Dornier models, Falcon 20, 50; Challenger; Gulfstream; Hawker; Learjet 35/55 series; Westwind, Astra (3), (4) Falcon 20/50/900; Challenger; IAI; Learjet 30/50 series (5), (7), (6), (8) Citations; Challengers; Falcons; Gulfstreams; Hawkers; IAI models; Learjets (6) Citation CE-550, CE-650; Gulfstream II (7) IAI; Hawker; Gulfstream; Challenger	Work also can be performed at Duncan facilities in Battle Creek and Kalamazoo, Mich.
<b>Elliott Aviation, Inc.</b> Quad City Airport P.O. Box 100 Moline, Ill. 61266-0100 (309) 799-3183 Fax: 799-9893 www.elliottaviation.com	(1) AlliedSignal CAS-66A TCAS I (2) AlliedSignal CAS-67A TCAS II (3) AlliedSignal CAS-81A TCAS II (4) Collins TCAS-94 TCAS II (5) AlliedSignal Mk VI GPWS (6) AlliedSignal Mk V EGPWS w/wind-shear alert (7) AlliedSignal Mk VII EGPWS w/wind-shear alert (8) Flight Visions FV-2000 HUD	(1) Cessna 500 series (2) Beechjet 400; Cessna 550, S550, 551 and 560 series (3) Cessna 550 and 650 series (4) Beechjet 400, 400A (5) Beechjet 400/400A; Cessna 550, S550, 551 and 560 series (6) Beechjet 400A (7) Beechjet 400; Falcon 10/100 (8) Cessna 550, S550 and 551 series	
<b>FedEx Aviation Services</b> 2005 Corporate Ave. Memphis, Tenn. 38132 (901) 395-4981 Fax: (901) 395-4999 E-mail: johnkinch@fedex.com http://hushkit.fedex.com	Stage 3 noise reduction kits for Boeing 727 series/ B-727-100, \$1.723 million; B-727-200 lightweight, \$1.823 million; B-727-200 heavyweight, \$2.363 million; B-727-200 with P&W JT8D-17 or -17R engines (-17R at 193,000- to 198,000-lb MTOW), \$2.588 million (prices are list prices)	All 727 series powered by JT8D-7/-9/-15/-17/-17R engines	MTOW for 727-100, up to 174,500 lb; 727-200, up to 204,500 lb. Kits comply with FAR Stage 3 and ICAO Chapter 3, Annex 16 noise rules 733 shipsets sold; 677 delivered through 9/99.
<b>Flight International, Inc.</b> One Lear Dr. Newport News, Va. 23602 (757) 886-5500 Fax: (757) 874-7481	Improved maintenance; life-extension program/ \$78,000 (\$58,000 in conjunction with mandatory wing demate)	Learjet 24, 25, 35, 36 series	Functional inspections, including non-destructive inspection, changes service basis from certified safe life for flight control components to continuing airworthiness, damage tolerance basis. Eliminates required replacement of flight control surfaces at 20,000 hrs; address life-limited engine mounts on Learjet 20 series.
<b>Fort Worth Airworks, Inc.</b> 8371 Corona Loop N.E. Albuquerque, N.M. 87113 (505) 828-1012 Fax: (505) 828-3960	Vapor-cycle (R-134/R-134A) air conditioning kits and components/NA	Cessna 500 through 650 series	Cessna-approved "Zephyr" air conditioning kit installation available through Cessna or approved installation centers.

<b>JETS</b>			
<b>Company</b>	<b>Mod Specialty/Base Price</b>	<b>Applicable Aircraft</b>	<b>Remarks</b>
<b>Innotech-Execaire Aviation Group</b> 10225 Ryan Ave. Dorval, Quebec H9P 1A2 Canada (514) 636-8484 (800) 463-9625 Fax: (514) 636-8573	(1) Electronic training systems installation (2) Airborne remote sensing (3) Heavy structures and systems mods (4) Flight inspection equipment (5) Avionics systems upgrades (6) Complete interior refurbishment (All prices on request)	(1) Challenger 600, 601 (2) Citatou; Challenger; Falcon; Hawker, Learjet; Westwind (3) Any corporate aircraft, plus on some transport category aircraft (5), (6) (4) Challenger 601 (5) STCs on all corporate aircraft (6) Learjet; Citation; Falcon; Hawker	Specialty engineering and airframe modifications for aircraft up to 120,000-lb gross weight.
<b>Keith Products Inc.</b> 4554 Claire Chennault Addison, Texas 75001 (972) 407-1234 Fax: (972) 407-1571	ECU; air conditioning kits and components; bleed air heaters	All business jets, helicopters, air ambulance, commuter and special mission aircraft	Holds more than 60 air conditioning STCs. (Kits convert Freon R-12 systems to R-134A)
<b>Jet Aviation International</b> Palm Beach International Airport 1515 Perimeter Rd. West Palm Beach, Fla. 33406 (561) 233-7233 Fax: (561) 233-7222 www.jetaviation.com	AAR Composites Linear Suspension System G-IV interior shell with acoustic barrier	G-III	Mod increases interior dimensions of G-III; reduces noise, vibration and weight. Prototype (SN 329) features passenger seats, Rockwell Collins FDS-2000 LCD. Mod can be done at Jet Aviation Basel.
<b>Midcoast-Little Rock, Inc.</b> Adams Field/Little Rock Regional Airport P.O. Box 1149 Little Rock, Ark. 72203 (501) 372-5722 Fax: (501) 372-2073	(1) Metal dorsal fin/\$11,500 (2) Bleed air mods/\$4,500 to \$6,000	(1) Cessna 500 through 560 series (2) Cessna 500 through S550 series	Both kits are STCed. Kits installed by Midcoast.
<b>New Flight Corp.</b> S. Locust St. Denver, Colo. 80222 (303) 691-0200 Fax: (303) 691-1121	Increased takeoff, ramp, weight limits/\$5,000 to \$25,000	Cessna 500, 501, 550; Mitsubishi MU-300	Complete kits, ready to 3241 install. All mods STCed. MU-300 mod includes increased landing weight.
<b>The Nordam Group</b> 11200 E. Pine St. Tulsa, Okla. 74101-3365 (918) 234-6713 Fax: (918) 437-8110	(1) Stage 3 hush kit (2) low gross weight (Prices on request)	(1) Boeing 737-200 and -200 Advanced (2) JT8D-7, -9/9A, -15/15A, -17/-17A up to 127,000 lb MTOW	Kit form, installed by customer. Program supported by Pratt & Whitney and Boeing. STCed.
<b>Noise Reduction Engineering, Inc.</b> 5167 Gloria Ave. Encino, Calif. 91436 (818) 728-6779 Fax: (818) 728-6780	General Electric CF-700 hush kit/NA	Falcon 20 series, Sabreliner 80	Certificated to FAR Part 36 Stage 3, Chapter 3, ICAO Annex 16
<b>Ottendorf Aviation, Inc.</b> 5167 Gloria Ave. Encino, Calif. 91436 (818) 728-6779 Fax: (818) 728-6780	Stage 3 hush kit/\$125,000, plus installation	Learjet 20 series	All mods have STC.
<b>PATS inc.</b> 9570 Berger Rd. Columbia, Md. 21046 (410) 381-1000 Fax: (410) 290-6966	(1) Long-range fuel tanks (aux fuel tanks)/from \$200,000 (2) Onboard folding passenger boarding stairs/\$195,000 (3) PATS APU kits, including engine, starter/generator, fire detection/extinguishing, air ducting and electrical control systems/\$200,000	(1) Boeing 727, 737, 757, 767 series, Boeing Business Jet; Canadair RJ; Boeing DC-8, DC-9, MD-80, 717 (2) Airbus series; Boeing 707, 727, 737, 757, 767 (3) B-727, DC-8; Lockheed L-1011 series; Citation; Falcon; Hawker; Learjet 60	Kits can be installed at most maintenance/ modification centers worldwide. PATS installation facility in Georgetown, Del. now open.
<b>Precise Flight, Inc.</b> 63120 Powell Butte Rd. Bend, Ore. 97701 (541) 382-8684 (800) 547-2558 Fax: (541) 388-1105	Pulse light system/\$2,344 Pulse light with TCAS activation/\$2,495	Most turbine-powered aircraft	
<b>Premier Air Center</b> 18 Terminal Dr. East Alton, Ill. 62024 (618) 259-3230 (800) 851-5026 Fax: (618) 2590-7954	Extended baggage mod/On request	Cessna 550	
<b>Quiet Technology Venture</b> 12845 N.W. 45th Ave. Opa Locka, Fla. (305) 687-0731 Fax: (305) 687-8509	(1) Stage 3 hush kits/\$2.75 million (2) Stage 3 hush kits/\$2.5 million (3) Stage 3 hush kits/\$1.65	(1) Boeing DC-80-50/-61 series, KC 135 (2) Boeing 707-120B (3) BAC 1-11, 200, 400 series	(1) STC planned January 2000.

<b>JETS</b>			
<b>Company</b>	<b>Mod Specialty/Base Price</b>	<b>Applicable Aircraft</b>	<b>Remarks</b>
<b>Raisbeck Commercial Air Group Inc.</b> 4411 S. Ryan Way Seattle, Wash. 98178 (206) 722-2020 Fax: (206) 722-1892	Stage 3 noise abatement system/\$695,000 to \$1,795,000	Boeing 727-100/-200 series aircraft	Aerodynamic improvements to high-lift systems, new takeoff power settings. No changes to engines, no hush kits required.
<b>Raisbeck Engineering, Inc.</b> 4411 S. Ryan Way Seattle, Wash. 98178 (206) 723-2000 (800) 537-7277 Fax: (206) 723-2884	Aft fuselage baggage locker and ventral fin/ \$69,850 plus installation and paint	Learjet 31/A, 31ER, 35/A, 36/A	Increases cargo capacity by 300 lb. Accommodates long objects. Reduces drag and improves stability. Learjet factory option for new Learjet 31s.
<b>Really Quiet L.L.C.</b> 5167 Gloria Ave. Encino, Calif. 91436 (818) 728-6779 Fax: (818) 728-6780 www.reallyquiet.com	Stage 3 hush kit/approximately \$1.5 million	Gulfstream II, IIB, III	STC expected 1st quarter 2000.
<b>Sabreliner Corp.</b> 7733 Forsyth Blvd. Ste. 1500 St. Louis, Mo. 63105 (314) 863-6880 Fax: (314) 863-6887	(1) Sabre 2000 improved Maintenance Program/ \$124,000 to \$267,000 (5,000 hr. life extension) (2) 30,000-hr. life extension/\$246,000 to \$289,000 (3) 15,000-hr. life extension*/\$97,500 (4) Speed brake activation/\$75,000 (5) Improved composite interior side panels/\$50,000	(1) (5) Sabreliner 40, 60, 65, 75A (1) Sabreliner 40, 60, 75A (2) Sabreliner 40, 60, 75A (3) Sabreliner 65	*Available regardless of total time Program includes structural inspection. Corrosion repair, correction of other deficiencies performed at extra cost.
<b>The ServiCenter, Inc.</b> 7301 N.W. 50th St. Willey Post Airport Bethany, Okla. 73008 (405) 789-5000 (800) 299-8546 Fax: (405) 789-5995	"ServiSeal" main and nose gear strut seal kits/ \$110 (2) Vapor-cycle air conditioning system/\$35,000 up (3) Camera mods/\$35,000 to \$255,000	(1) All Aero Commander/Rockwell Jet Commander and IA1 Commodore/Westwind 1121, 1123, 1124, 1124Aseries (2) Most business jets	
<b>Sextant In-Flight Systems</b> 17481 Red Hill Ave. Irvine, Calif. 92614 (949) 660-7722 Fax: (949) 660-7707	Airborne camera/video systems for compartment and systems monitoring, flight test, security and entertainment/Single camera systems below \$10,000	Airbus A310, A320, A330, A340; Boeing 747, 757, 767, C-17, DC-10, 777, MD-80; Falcon 50, Falcon 900, 2000; Gulfstream III, IVSP, V; Nusantara/IPTN N250; Bombardier Global Express	Various forward and downward-viewing camera with 16- to 96-mm zoom 2200 lens. FMS interface, recording options available. More than 300 cameras installed to date.
<b>M. Shannon &amp; Associates</b> 4038 128th Ave. S.E. Ste. 112 Bellevue, Wash. 98006 (425) 746-4070 Fax: (425) 747-1021	Single-pilot conversion for dual-piloted aircraft	Cessna Citation 500, 550, S550	Call for price. No gross takeoff weight restrictions on this STC. CVR not required while operating single-pilot.
<b>Sierra Industries</b> P.O. Box 5184 Uvalde, Texas 78802-5184 (830) 278-4381 Fax: (210) 278-7649	(1) Range, weight increases/\$235,000 (2) Range, weight increases/\$74,500 (3) Engine conversion to JT15D-4/\$435,000 plus engine, including Eagle modification (4) Radome modification/\$1,759, kit; \$2,475 installed (5) Single-pilot authorization (6) Update JT15D-1 engine to -1A or -1B/\$2,500 (7) Three-place aft divan/\$15,575 installed (8) Forward barrel-seat potty/\$6,080 to \$9,198 (9) Pneumatic lift automatic forward baggage door openers/\$835 to \$1,150 (10) Conversion to Williams/Rolls FJ44-2A engines	(1) (3) (7) (8) Cessna 500, 501 (2) (5) (6) Cessna 500 (4) (9) Cessna 500 through 560 (10) Cessna 500, 501 modified to Sierra Eagle	(1) Designated Citation Eagle 500, Eagle 501SP. (2) Designated Citation Longwing. Either mod can include single-pilot certification. Single-pilot approval available for previously modified aircraft. (10) Designated Sierra FJ-44 Eagle II. Available 2nd quarter 2000.
<b>Stage III Technologies</b> Las Vegas Blvd. S. Box 7 Las Vegas, Nev. 89119 (702) 798-5701	Stage 3 hush kit/approximately \$1.5 million	G-II, G-IIB, G-III	STC expected end of 1999. 6005 Mod being marketed by Dallas Airmotive, Inc. Initial installations to be done by Signature Flight Support facilities.
<b>West Star Aviation, Inc.</b> 796 Heritage Way Grand Junction, Colo. 81506 (970) 243-7500 (800) 255-4193 Fax: (970) 242-4333	(1) Avcon fins/\$86,000 (2) Avcon RX (range increase mod)/\$141,000 (3) Avcon increased gross weight mod/\$180,000 (4) Raisbeck aft baggage locker/\$79,000 installed (5) Improved bleed air mod/\$13,500 to \$22,000 (6) Collins TCAS II installations/\$180,000 to \$200,000 (7) Honeywell TCAS II installations/\$180,000 to \$200,000 (8) Environmental bleed-air system and pressurization improvements/prices on request (9) Aft baggage extension/\$28,700 installed (10) Freon air conditioning/\$36,000 installed (11) Lead acid battery conversion/prices on request (12) Custom executive and medical interiors, custom paint, custom avionics and entertainment systems/prices on request	(1) - (4), (6) Learjet 35, 36 (5), (8) Learjet 35, 36, 55 (7) Cessna 650 (9), (10) Cessna 500 series (11) Cessna 500, 650 series (12) Cessna 500, 650 series; Learjet 31, 35, 36, 55; Raytheon 700, 800, 1000	