

DATE 7/21/81

ADVISORY CIRCULAR



DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Washington, D.C.

Subject: DESIGNATED ENGINEERING REPRESENTATIVES

1. **PURPOSE.** This circular lists in Appendix 1 the Designated Engineering Representatives who are available for consulting work. Designated Engineering Representatives, as direct representatives of the Federal Aviation Administration, are privileged to approve engineering or flight test information as complying with the Federal Aviation Regulations within particular categories and subject to prescribed limitations.
2. **CANCELLATION.** AC 183.29-1N, Designated Engineering Representatives, effective August 7, 1980, is canceled.
3. **REFERENCE.** Part 183 of the Federal Aviation Regulations prescribes the requirements for the issuance of designations to private persons to act in the capacity of FAA representatives in the examining, inspecting, and testing necessary for the issuance of aircraft certificates by the Administrator. If you are interested in becoming a designee, you should contact the FAA Engineering and Manufacturing Branch in the region in which you reside.

A handwritten signature in cursive script, reading 'Robert L. Goodrich'.

ROBERT L. GOODRICH
Acting Chief, Flight Standards
National Field Office

Initiated by: AF0-513

7/1/84

AC NO: 181.29-1P
Appendix 1

DESIGNATED ENGINEERING REPRESENTATIVES

CONSULTANT	ADDRESS	REGION	LIMITATIONS
<u>STRUCTURES</u>			
Mike H. Akla	1103 Whitfield Lane Wichita, KS 67206	CE	Structures: (Flutter) CAR 3, 4b, FAR 23, FAR 25
Ralph P. Alex	1037 Stratfield Rd. Bridgeport, CT 06604	NE	Structures: Rotorcraft - fixed wing, except flutter, vibrations and fatigue
F. W. Anderson	719 19th St. Manhattan Beach, CA 90266	WE	Structures: FAR 23, 25, static structures
John C. L. Baker Norman Truck & Equip., Inc.	Rt. 1, Box 103N Norman, OK 73069	SW	Structures: CAR 3, 4b, FAR 23, 25, Flutter and vibration CAR 3, FAR 23 only
Alb C. Ballauer	463 Morris Lane Wallingford, PA 19806	EA	Structures
Herbert W. Barnhouse	706 13th Ave. Vero Beach, FL 32960	SO	Structures: Except flutter and vibration CAR 3, 8, FAR 23
Ronnie M. Bays	1102 Gloucester Drive Garland, TX 75040	SW	Structures: CAR 4b, FAR 25, except flutter and vibration
Benjamin Ben-Aziz Aeronautics R & D, Inc.	10510 Victory N. Hollywood, CA 91606	WE	Structures: CAR 23, 25, Structures and flutter, prop and twin turbo prop only for flutters
Michael A. Berry	17031-156th S. E. Renton, WA 98055	NW	Structures: CAR 3, 4b, FAR 23, 25, Flutter and vibration only
Glen A. Beyer	3808 Waynoka Avenue Memphis, TN 38111	SO	Structures: Except flutter and vibration
Charles A. Blair	1622 Forest Spring San Angelo, TX 78232	SW	Structures: CAR 3, FAR 23, except flutter and vibration
Frank W. Blundell	15 North Laurel Lane Lock Haven, PA 17745	EA	Structures: CAR 3/FAR 23
Carl F. Branson Branson Aircraft Corp.	4275 Broadway, Unit B Denver, CO 80216	RM	Structures: FAR 23, 25
C. H. Brent	P. O. Box 486 Pittsburg, KS 66762	CE	Structures: Privileges/limitations are structures (except dynamics) Bulletin 7, CAR 3, 4a, FAR 23
Samuel E. Brodie	1370 Monache Avenue Porterville, CA 93257	WE	Structures
Donald D. Bruss	3107 East Funston Wichita, KS 67211	CE	Structures: Privileges/limitations are structures (limited to landing gear dynamics, wheels, brakes, and tires) - FAR 23, 25
Dr. Richard M. Carlson	26999 Sara Hills Dr. Saratoga, CA 95070	WE	Structures: Static, dynamics and fatigue for FAR 27 and 23
Richard D. Christian	7736 South 72 East Avenue Tulsa, OK 74133	SW	Structures: CAR 3, 4b, FAR 23, 25 - Except flutter and vibration
Walter T. Clark Clark Engineering Serv.	312 E. Main St. Lancaster, TX 75146	SW	Structures: CAR 3, 4a, 4b, FAR 21, 23, 25 - Except flutter and vibration; CAR 6, 7, FAR 27, 29 limited to structural substantiation of internal equipment installations
R. C. Coghlan	766 West 63rd Drive Hialeah, FL 33012	SO	Structures: Install equipment and make repairs
Steven Scott Cone	13611 Heartside Place Dallas, TX 75234	SW	Structures: CAR 3, 4b, FAR 23, 25 except flutter and vibration; CAR 6, 7; FAR 27, 29, except dynamic components such as rotors and control systems
Richard C. Combes, Jr.	471 Carriage Drive, NE Atlanta, GA 30328	SO	Structures: (Except flutter and vibration)
M. Terry Cox	P.O. Box 629 Jamestown, NE 58401	RM	Structures: CAR 3, 4b; FAR 23, 25
Thomas I. Cox	19518 Leadwell Street Reseda, CA 91335	WE	Structures: FAR 23, structural analysis only
Harold E. Dale Dale Air Engineering	P.O. Box 3065 Torrance, CA 90510	WE	Structures: Plants, FAR 23
Robert B. Dale	36636 Minglewood Lane Farmington, MI 48024	GL	Structures: Bulletin 7A, CAR 3, 4, 4b, FAR 23, 25, except flutter and vibration

CONSULTANT	ADDRESS	REGION	LIMITATIONS
E. F. Dearing, Jr.	1919 Michelle Lane Lakeland, FL 33083	SO	Structures: Except flutter and vibration
Gilbert De Vore De Vore Aviation Corp.	125 Mineola Avenue Roslyn Heights, NY 11577	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Raymond L. Dickey, Jr.	4411 Selkirk Lane, East Lakeland, FL 33803	SC	Structures: Except flutter and vibration
Billy E. Dickson	232 Brookview Drive Burst, TX 76053	SW	Structures: CAR 6, 7, FAR 27, 29 - Except flutter and vibration
Robert E. Donham	4519 Sunriseslope Avenue Sherman Oaks, CA 91463	WE	Structures: Flutter only, FAR 23, 25
James A. Dugelby	250 Hummingbird Lane Ferrville, TX 78028	SW	Structures: CARs 3, 4b, FARs 23, 25, except flutter and vibration
Gerald F. Dulin	25241 Denny Road Torrance, CA 90505	WE	Structures: Pertaining to FAR 23 autopilot (9 passengers or less), prop driven only
Joseph E. Dwerlkotte	Douglas Building, Suite 1313 104 South Broadway Wichita, KS 67202	CE	Structures: Except flutter, CAR 3, 4b, FAR 23, and FAR 25
Charles Albert Ert	23515 Lyons Avenue Valencia, CA 91355	WE	Structures: FAR 23, 25, detail designs, flight controls only
C. D. Flanigen	821 Bay Avenue Toms River, NJ 08753	EA	Structures: Interior modifications, equipment installations and repairs
Sanford Friezmer Specialized Testing Service	16758 Burtank Blvd. N. Hollywood, CA 91661	WE	Structures: Witness official FAA test to establish freedom from flutter only, FAR 23 & 25
Lewis E. Gaither	3748 East Guthrie Mtn. Place Tucson, AZ 85718	WE	Structures: FAR 25
V.F. Gardner	841 Mockingbird Lane Marietta, GA 30067	SO	Structures: Except flutter and vibration
Joseph Gigante	52 Hillcrest Place Westwood, MA 02090	NE	Structures: Fixed wing except flutter and fatigue
Gary Greene	454 Artuckle Avenue Cedarhurst, NY 11516	EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Anthony G. Grodson	P.O. Box 414301 Miami Beach, FL 33141	SO	Structures: Except flutter and vibration FAR 23, 25, CAR 3, 4b
Colin D. Gruber	18416 Tribune Street Northridge, CA 91326	WE	Structures: FAR 23, 25
L. G. Hall	4332 Bridgeway Irvine, CA 92714	WE	Structures
B. B. Hamner	5061 Fall River Fort Worth, TX 76103	SW	Structures: CAR's 8, 3, FAR 23, except flutter and vibration
Dr. James P. Hauser	2850 Kenyon Circle Boulder, CO 80303	RM	Structures: CAR 3, FAR 23
Quinton J. Hawthorne	Rural Route 4, Box 924 Fremont, IN 46737	GL	Structures: Bulletin 7A, CAR's 3, 4, 4b, FAR's 23, 25, except flutter and vibration
Harold W. Holdeman	Route 2, Box 139A Mineral Wells, TX 76067	SW	Structures: CAR 3, FAR 23, except flutter and vibration, and limited to instal- lations of avionics, autopilots, and instruments
Donald R. Jacoby	96 South Holcomb Porterville, CA 93257	WE	Structures
Michael Kaplan	16123 Covello Street Van Nuys, CA 91466	WE	Structures: And detail design STC, FAR 23, propeller driven and minor modification STC, FAR 25
E. B. Keefer	11457 Glendale Way Seattle, WA 98168	NW	Structures: CAR 3, 4b, FAR 23, 25, not including flutter and vibration
Brian Keeley	16383 Myrtlewood Street Fountain Valley, CA 92708	WE	Structures
John P. Kelleher	315 Oregon Avenue Penn Acres New Castle, DE 19702	EA	Structures: Interior modifications and avionics installations, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Robert E. Kidd	14290 Sakal Drive Miami Lakes, FL 33014	SO	Structures: Except flutter and vibration

CONSULTANT	ADDRESS	REGION	LIMITATIONS
Clyde W. King	2228 Via Acalones Palos Verdes Estates, CA 90274	WE	Structures: FAR 25
Harold A. Kosola	P.O. Box 3542 1302 West Broad Avenue Allany, GA 31706	SO	Structures: Except flutter and vibration
Hsiang Kuanq	4556 West 16th Place Los Angeles, CA 90019	WE	Structures: FAR 23, 25, static dynamics and fatigue
G.C. Lakin	5644 124th Avenue, S.E. Bellevue, WA 98006	NW	Structures
Robert P. Lathrop Aeronautics R & D	P.O. Box 3848 San Angelo, TX 76901	SW	Structures: CAR's 3, 4b, FAR's 23, 25, limited to structural tests (static and fatigue) - conduct, witness and approve test results
Carlos Latoni	611 Greytwig Road Vero Beach, FL 32960	SO	Structures: Flutter and vibration only
Kenneth F. Leddick	4530 Jettridge Dr. N.W. Atlanta, GA 30327	SO	Structures: Except flutter and vibration
William Leeds	2560 Skyway Drive Santa Maria, CA 93454	WE	Structures
Patton Lewis	8335 Camino Sur Cucamonga, CA 91736	WE	Structures: FAR 23, 25, structures (general). Authorized to approve analytical substantiation (static) and structural detail design data which lead to the issuance of a TC or an STC.
Herbert Lindblad	5 Kirk Street Springvale, ME 04083	NE	Structures: Small airplanes, CAR 3, FAR 23, except flutter and fatigue
Rocco L. Lippis	167 Via laCircula Redondo Beach, CA 90277	WE	Structures
William L. Marcy	3041 So. Golden Way Denver, CO 80227	RM	Structures: FAR 23
Bruce Malcolm Bellanca Aircraft Corp.	Alexandria, MN 56308	GL	Structures
Harold G. Martin	833 Anthony Avenue Waynesboro, PA 17268	EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Paul S. Masser	4153 Brookhill Drive Fair Oaks, CA 95628	WE	Structures: Static and detail design STC's for FAR 23 airplanes
Eugene A. Milin	105 Bayview Blvd. Stratford, CT 06497	NE	Structures: Rotorcraft, fixed wing, except flutter, vibrations, and fatigue
Stanley Nesbitt	301 S. Cherry Grove Ave. Annapolis, MD 21461	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Garnett Pankey	40931 43rd Street West Lancaster, CA 93534	WE	Structures
Howard L. Patterson	3726 West 171st St. Torrance, CA 90504	WE	Structures: FAR 23, 25, static analysis
John S. Patterson	90 N.W. 154th Street Miami, FL 33169	SO	Structures: Except flutter and vibration
Joseph Paul	1230 Cambridge Avenue Claremont, CA 91711	WE	Structures: FAR 23, 25, static analysis
Peter E. Peck	1045 20th Avenue Vero Beach, FL 32906	SO	Structures: FAR 23, except flutter and vibration
Randall D. Petersen	3295 Darley Avenue Foulder, CO 80303	RM	Structures: Except dynamics
Robert E. Poteet	19310 Nashville Northridge, CA 91324	WE	Structures: FAR 23, 25, structural analysis, weight and balance only
Allister L. Presnal Anderson, Greenwood & Co.	P.O. Box 1097 Pellaire, TX 77401	SE	Structures: CAR 3, FAR 23, except flutter and vibration (CAR 6, FAR 27, limited to interior and avionics installations)
Franklin C. Price	907 Granite Spring Lane Stone Mountain, GA 32960	SO	Structures: FAR 23, 25, propeller systems only
Hillyer Prentice	4218 Lomo Del Sur La Mesa, CA 92041	WE	Structures: FAR 23, CAP 3

CONSULTANT	ADDRESS	REGION	LIMITATIONS
George S. Rasmussen	P.O. Box 10519 Glendale, CA 91209	WE	Structures
Arthur Fitter	20 Cider Mill Lane Burlington, NY 11743	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Thomas M. Rice	3887 Herren Drive Smyrna, GA 30080	SO	Structures: Flutter and vibration only
Arnold Robinson DeVore Aviation Corp.	125 Mineola Ave. Roslyn Heights, NY 11577	EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Richard J. Rose	1313 Zuni Drive Tolanga, CA 90290	WE	Structures: FAR 23, static, seats and interior items only
Guenther J.H. Rosemann	2235 Upper Turtle Creek Rd. Ferrville, TX 78028	SW	Structures: CAR 3, FAR 23, except flutter and vibration
Arnold E. Rubin	4981 Noeline Avenue Encino, CA 91436	WE	Structures: FAR 23, 25, structural analysis only
Harold E. Russell	1011 Brockfield Wichita, KS 67206	CE	Structures
Albert M. Schultz, Jr.	Route 1, Box 33A Hiddenite, NC 28636	SO	Structures: FAR 31 only
Ernest Schweizer Schweizer Aircraft Corp.	County Airport Elmira, NY 14901	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Nelson N. Shapter	1107 Delf Drive McClellan, VA 22101	EA	Structures
Marion Shin (Ms)	P.O. Box 6374 Vero Beach, FL 32960	SO	Structures: FAR 23, 25, except flutter and vibration
Gordon Silver S F Aircraft Co.	16 Shotgun Lane Levittown, NY 11746	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
J. A. Simmons	Route 4, Box 4872 Boerne, TX 78006	SW	Structures: CAR 3, 4b, FAR 23, 25 - Except flutter and vibration, limited to STC and TC approval
Boyd L. Smith	Route 3, Box 400 Cordele, GA 31015	SO	Structures: CAR 3, 4b, 8; FAR 23, 25
Charles R. Smith	4700 Paseo las Tortugas Torrance, CA 90505	WE	Structures
Clarence M. Smith	5737 Brook Loop Lakeland, FL 33868	SO	Structures: Except flutter and vibration
Henry G. Smith	201 S. Francisco Redondo Beach, CA 90277	WE	Structures: Static, dynamics and fatigue, detail design, drive system, installations, rotary wing, FAR 27, 29
T.G. Smith	Route 8, Box 724 Alexandria, MN 56308	GL	Structures
Floyd E. Snow Aircraft Technical Service, Inc.	6701 Odessa St. Van Nuys, CA 91406	WE	Structures: And detail design (static) TC and STC, FAR 23, 27
E. Ieland Snow	3708 Cedar Lane Wichita Falls, TX 76308	SW	Structures: CAR 3, FAR 23, except flutter and vibration
David Stanislaw Airquip	Borsham Road Amherst, PA 19002	EA	Structures: Ground vibration surveys
Roger A. Starner Director of Engineering Pan American World Airways	P.O. Box 592055 AMF Miami, FL 33159	SO	Structures: Except flutter and vibrations
Karl H. Stephan C/O U.S. Airships, Inc.	Route 1, Box 108 Fullard, TX 75757	SW	Structures: FAR 31, balloons only
Norman F. Steiner	7421 Mount Sherman Longmont, CO 80501	RM	Structures: CAR 3, FAR 23, including flutter within scope of simplified criteria
George E. Stephens	2705 Grandin Lane Bridgeton, NC 28304	CE	Structures: Privileges/limitations are structures (except flutter) Bulletin 7A, CAR 3, CAR 4, 4b, FAR 23 and 25
W. Fred Stewart	5678 South Zuni Tulsa, OK 74105	SW	Structures: CARs 3, 4a, 4b, FAR's 23, 25, except flutter and vibration
Chris L. Stratford	P.O. Box 1711 Bellevue, WA 98005	NW	Structures: CAR 3, 4b, FAR 23, 25, not including flutter and vibration

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CONSULTANT	ADDRESS	REGION	LIMITATIONS
Edward Straub	304 Baltimore Street Gettysburg, PA 17325	EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Cyril Swerdlin	24 Sylvia Drive West Islip, NY 11795	EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Neal Thomas	1399 Via Zurita Claremont, CA 91711	WE	Structures: (Static) detail design for STC, FAR 23, 25
Arthur M. Thompson	4633 Sussex Place Savannah, GA 31406	SO	Structures: Except flutter and vibration
Kenneth W. Thompson	4311 Southwest 93rd Avenue Davie, FL 33328	SO	Structures: Except flutter and vibration
Edward W. Thrall	P.O. Box 292 Point Arena, CA 95468	WE	Structures
David B. Thurston	16 Jerico Drive Old Lyme, CT 06371	NE	Structures: Except flutter, vibration and fatigue
Leon A. Tolve	273 Ninth St., N.E. Atlanta, GA 30309	SO	Structures: Flutter and vibration only
James P. Trebes	2316 Dorsey Avenue East Point, GA 30344	SO	Structures
Barney VanAuken	306 Williams Buffalo, WY 82834	RM	Structures: Excluding dynamics, CAR 3, 4b, FAR 23, 25
George W. Westphal	422 E. Macon Street Savannah, GA 31401	SO	Structures: CARs 3, 4b, FAR 23, 25, except flutter and vibration
Lincoln B. Wiley	505 West Walnut Ave. El Segundo, CA 90245	WE	Structures: And detail design (static and dynamic) TC and STC for FAR 27
Roy A. Wulff c/o Wulff Associates	Box 24, Lucas Ave. Ext. Kingston, NY 12461	EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29 except vibration and flutter
Matthew Norman Zrubek	7334 Coronado Ct. Boulder, CO 80303	RM	Structures: FAR's 23, 25
Donald P. Zurfluh	413 West Walnut Street Lock Haven, PA 17745	EA	Structures

SYSTEMS & EQUIPMENT

Ralph P. Alex	1037 Stratfield Rd. Bridgeport, CT 06604	NE	Systems & Equipment: No restrictions
William L. Anderson, Jr.	7526 Middlewood Houston, TX 77063	SW	Systems & Equipment: CAR 3, FAR 23, single engine, reciprocating engine only
Lawrence N. Bass	1001 E. Inwood Dr. Arlington, TX 76010	SW	Systems & Equipment: CARs 3, 4b, 6, 7, 8, FAR's 23, 25, 27, 29, except electrical generating systems on multi-engine aircraft, inverter systems, and electronics not specifically authorized. Authorization includes flight control systems, and navigation and communication systems.
George E. Beal, Jr.	P.O. Box 1872 Greenville, TX 75401	SW	Systems & Equipment: CAR's 3, 4b, 6, 7, FAR's 23, 25, 27, 29, except pressurization systems, wheels and brakes
Americo Bellard	64 Andrew Lane Orange, CT 06477	NE	Systems & Equipment: Electrical, electronics and and instruments
Nathan Benedict	37 Bluecoat Irvine, CA 92714	WE	Systems & Equipment
Charles E. Boettcher	3813 Southland Blvd. San Angelo, TX 76901	SW	Systems & Equipment: CARs 3, 4b, 6, 7, FARs 23, 25, 27, 29, electrical/electronics
Carl F. Branson Branson Aircraft Corp.	4275 Broadway, Unit B Denver, CO 80216	RM	Systems & Equipment: FAR's 23, 25
Arthur Braun	3 Driftwood Drive Glen Cove, NY 11542	EA	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Randolph C. Bready	3049 Castleton Way Marietta, GA 30063	SO	Systems & Equipment: Environmental
C.H. Brent	P.O. Box 486 Pittsburg, KS 66762	CE	Systems & Equipment: CAR 3, 4a, FAR 23

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CONSULTANT	ADDRESS	REGION	LIMITATIONS
William E. Broadway	406 Durden Drive Pooler, GA 31322	SO	Systems & Equipment: CAR 3, FAR 23, normal and utility
Frank Z. Brown	11356 Kelowna Street Lake View Terrace, CA 91342	WE	Systems & Equipment
Donald L. Bruss	3107 East Funston Wichita, KS 67211	CE	Systems & Equipment: Privileges/limitations are Systems & Equipment (limited to hydraulics and landing gear systems), FAR 23 and 25
John B. Bryerton	29 Sylver Drive Lock Haven, PA 17745	EA	Systems & Equipment: Except electrical and electronics
James M. Burchfield	218 East Seminole Avenue Lake Wales, FL 33853	SO	Systems & Equipment: CAR 3, FAR 23 (mechanical systems)
Robert L. Carder	613 Inverness Court Norman, OK 73069	SW	Systems & Equipment: CARs 3, 4b; FARs 23, 25, except electrical/electronic
Frank R. Cassell	43-23 166 Street Flushing, NY 11358	EA	Systems & Equipment: Car 3, 4b, 6, 7, FAR 23, 25, 27, 29
Walter T. Clark	312 E. Main St. Lancaster, TX 75146	SW	Systems & Equipment: CAR's 3, 4a, 4b, 6, 7; FAR's 23, 25, 27, 29; except electrical, electronics, wheels and brakes
William P. Collins	P.O. Box 1474 Greenville, TX 75401	SW	Systems & Equipment: CAR 4b, FAR 25; except electrical, electronics, wheels and brakes, and hydraulics
Angelo A. Coronato	25 Hillston Road Trumbull, CT 06611	NE	Systems & Equipment: Except electrical and instruments
John C. Cotton	1263 Bouquet Circle Thousand Oaks, CA 91360	WE	Systems & Equipment
William F. Coyle	347 East Main Street Lake Haven, PA 17745	EA	Systems & Equipment: Electrical and electronic CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Harold E. Dale Dale Air Engineering	P.O. Box 3066 Torrance, CA 90510	WE	Systems & Equipment
Robert B. Dale	36636 Minglewood Lane Farmington, MI 48024	GL	Systems & Equipment: Bulletin 7A, CAR 3, 4, 4b, FAR's 23, 25
Darrell W. Davis	13318 Broadmeade Round Rock, TX 78664	SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, limited to electrical/electronics aspects of Tracor VLF/omega systems and their interfacing circuits
Harold Dean Davis	1803 Vancouver Drive Clearwater, FL 33516	SO	Systems & Equipment
Gilbert De Vore De Vore Aviation Corp.	125 Mineola Ave. Roslyn Heights, NY 11577	EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
George R. Dickinson	11876 Egham Circle Garden Grove, CA 92640	WE	Systems & Equipment
Gerald F. Dulin	25241 Denny Road Torrance, CA 90505	WE	Systems & Equipment
Joseph B. Dwerlkotte	Louglas Bldg., Suite 1313 164 South Broadway Wichita, KS 67202	CE	Systems & Equipment: (Limited to electrical hydraulic, air conditioning pressurization and pneumatics) CAR 3 and FAR 23
Joe D. Emmons Mitsubishi Aircraft Inter'l	P.O. Box 3848 San Angelo, TX 76902	SW	Systems & Equipment: CARs 3, 4b, FARs 23, 25, electrical and electronics
Norman Engel	240 Christie Street Ridgefield, NJ 07666	EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Charles Albert Ert	23515 Lyons Avenue Valencia, CA 91355	WE	Systems & Equipment
Charles E. Etheridge	1806 Holly Oak Arlington, TX 76012	SW	Systems & Equipment: CAR 4b; FAR 25, electrical and electronics; except power generating and main distribution system
Carl E. Fox	818 Sutton Court Irving, TX 75062	SW	Systems & Equipment: CAR's 3, 4b, 6, 7, FAR's 23, 25, 27, 29, electrical and electronic, except electric trim and generating systems
Richard B. Fritz	25131 Mackenzie Laguna Hills, CA 92653	WE	Systems & Equipment

CONSULTANT	ADDRESS	REGION	LIMITATIONS
Jack W. Gailey	Route 2, Box 384R McKinney, TX 75069	SW	Systems & Equipment: CAR's 3, 4b, 6, 7; FAR's 23, 25, 27, 29, electrical/electronics except primary power generating system
John Gigante	52 Hillcrest Place Westwood, MA 02090	NE	Systems & Equipment: No restrictions
Joseph Gordon	30 Birchwood Terrace Manuet, NY 10954	EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Charles Henry Green	3961 Beckwood, Box AB Wetmore, TX 78165	SW	Systems & Equipment: CAR's 3, 4b, FAR's 23, 25, hydraulic systems, wheels, tires, brakes, air conditioning, pressurization, pneumatic
Anthony G. Grodson	P.O. Box 414301 Miami Beach, FL 33141	SO	Systems & Equipment: FAR 23, 25; CAR 3, 4b
Jack A. Hannan	4110 Strathmore San Antonio, TX 78217	SW	Systems & Equipment: CAR 3, FAR 23 only, electrical and electronic system, electrical trim and autopilot excepted
Dr. James P. Hauser	2850 Kenyon Circle Boulder, CO 80303	RM	Systems & Equipment: CAR 3, FAR 23
Quintin J. Hawthorne	Route 4, Box 924 Fremont, IN 46737	GL	Systems & Equipment: CAR 3, 4a, 4b, 6, 7, FAR 23, 25, 27, 29
William Hickey	442 Murray Avenue Camarillo, CA 93010	WE	Systems & Equipment
Harold W. Holdeman	Route 2, Box 139A Mineral Wells, TX 76067	SW	Systems & Equipment: CAR 3, FAR 23, limited to installation of avionics, autopilots, and instruments
L. A. Hollaar	P.O. Box J Savoy, IL 61874	GL	Systems & Equipment: Electronics installation CAR 3, 4b, 6, 7, FAR 23, 25, 27, 31
Charles R. Holt	528 Merrywood Norman, OK 73069	SW	Systems & Equipment: CAR's 3, 4b, FAR's 23, 25, except electrical/electronics
Larry Don Howell	1724 Nueces Trail Arlington, TX 76012	SW	Systems & Equipment: CAR's 6, 7; FAR's 27, 29 electrical
Robert M. Jensen	14213 Marquette Avenue, N.E. Albuquerque, NM 87123	SW	Systems & Equipment: CAR 3, 4b, 6, 7; FAR 23, 25, 27, 29, limited to electrical - electronic - pitot static
William L. Johns	616 Southwest 16th Street Mineral Wells, TX 76067	SW	Systems & Equipment: CAR 3, FAR 23, electrical, avionics, autopilots and pneumatics, excluding basic power generation and distribution, inverters
Wm. J. Kantenberger	Route 2, Box 35 Point, TX 75472	SW	Systems & Equipment: CAR 4b, FAR 25, electrical only
David T. Kjell	200 Timberlane Tr. Eufess, TX 76039	SW	Systems & Equipment: CAR's 3, 4b, 6, 7, FAR's 23, 25, 27, 29, limited to approvals of changes in data format, emergency and external lighting
Oscar G. Klingman	121 South Monitor Place Tucson, AZ 85710	WE	Systems & Equipment
J. B. Kruk	407 Irwin Street Lock Haven, PA 17745	EA	Systems & Equipment: (Electrical and electronics)
Hsiang Kuang	4556 West 16th Place Los Angeles, CA 90019	WE	Systems & Equipment
Herbert Lindblad	5 Kirk Street Springvale, ME 04083	NE	Systems & Equipment: No restrictions
Rocco L. Lippis	167 Via laCircula Redondo Beach, CA 90277	WE	Systems & Equipment
Michael L. Mahaffey	P.O. Box 968 Camp Verde, AZ	WE	Systems & Equipment
Bruce Malcolm Bellanca Aircraft Corp.	Alexandria, MN 56308	GL	Systems & Equipment
Harold R. Maleski	1542 Calle Colina Thousand Oaks, CA 91360	WE	Systems & Equipment
Thomas N. Miller	Route 1 Collard Valley Road Cedartown, GA 30125	SO	Systems & Equipment: (Electrical)

CONSULTANT	ADDRESS	REGION	LIMITATIONS
John F. Morehead	210 Westside Drive Norman, OK 73069	SW	Systems & Equipment: CAR's 3, 4b, FAR's 23, 25, electrical/electronics, except generating systems
James V. Mullins	12222 Blanco, Apt. 1701 San Antonio, TX 78216	SW	Systems & Equipment: CAR 3, FAR 23, avionics/electrical (all systems connecting to flight controls are excepted)
Lauren E. Nelson	16150 S. W. 108th Ave. Miami, FL 33157	SO	Systems & Equipment: Avionics
Stanley Orowski	154 Cromwell Road Atlanta, GA 30328	SO	Systems & Equipment: Avionics
Mark W. Ostendorf	P.O. Box 6765 Santa Barbara, CA 93111	WE	Systems & Equipment
Robert A. Owens	1441 S.W. 68th Street Oklahoma City, OK 73159	SW	Systems & Equipment: CAR's 3, 4b, 6, 7; FAR's 23, 25, 27, 29
Randall D. Petersen	3295 Darley Avenue Boulder, CO 80303	RM	Systems & Equipment
George L. Petitgout, Jr. Vertol Division The Boeing Co.	P. O. Box 16858 Philadelphia, PA 19142	EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except electrical
Gerald E. Poorman	RD 2, 45 Woodland Drive Lock Haven, PA 17745	EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Allister L. Presnal Anderson-Greenwood Avia. Corp.	P.O. Box 1097 Bellaire, TX 77401	SW	Systems & Equipment: CAR 3, FAR 23, single engine reciprocating engine only
Franklin C. Price	907 Granite Springs Lane Stone Mountain, GA 32960	SO	Systems & Equipment: Far 23, 25, mechanical
Alfred Puccinelli	36 Bay Drive East Burlington, NY 11743	EA	Systems & Equipment: Except electrical, CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Arthur Ritter	20 Cider Mill Lane Burlington, NY 11743	EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
B. P. Roach	22607 Leadwell St. Canoga Park, CA 91307	WE	Systems & Equipment: Power brake and skid control systems
Pat L. Russell	452 Brookview Drive Burst, TX 76053	SW	Systems & Equipment: CAR 6, 7; FAR 27, 29; electronics and avionics
Glenn L. Schroeder	7415 Yarmouth Ave. Freseda, CA 91335	WE	Systems & Equipment
Ernest Schweizer Schweizer Aircraft Corp.	County Airport Elmira, NY 14901	EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Nelson K. Shapter	1107 Delf Drive McClean, VA 22101	EA	Systems & Equipment
Charles W. Simonds	Route 5, Box 43 Norman, OK 73069	SW	Systems & Equipment: CAR's 3, 4b, FAR's 23, 25, electronic systems
Charles J. Slawson Rockwell International	712 Sea Breeze Drive Seal Beach, CA 90740	WE	Systems & Equipment
T.G. Smith	Route 8, Box 724 Alexandria, MN 56308	GL	Systems & Equipment
Floyd E. Snow Aircraft Technical Service, Inc.	6701 Odessa St. Van Nuys, CA 91406	WE	Systems & Equipment
B. Leland Snow	3708 Cedar Lane Wichita Falls, TX 76308	SW	Systems & Equipment: CAR 3, FAR 23, agricultural dispersal systems, brakes, and airspeed systems
Arlie Staigh	2680 Lynda Lane Fallbrook, CA 92028	WE	Systems & Equipment
Norman F. Steiner	7421 Mount Sherman Longmont, CO 80501	RM	Systems & Equipment: Freon aircraft systems only, FAR 23
Karl E. Stefan c/o U.S. Airships, Inc.	Route 1, Box 108 Euclid, TX 75757	SW	Systems & Equipment: FAR 31, balloons only
George B. Stephens	2705 Grandin Lane Bridgeport, NC 28604	CE	Systems & Equipment: CAR 3, 4b, FAR 23, 25

CONSULTANT	ADDRESS	REGION	LIMITATIONS
Thomas B. Stepp	904 Oakmont Lane Fort Worth, TX 76112	SW	Systems & Equipment: CAR's 6, 7, FAR's 27, 29 except electrical/electronics, and hydraulics
W. Fred Stewart	5678 S. Zonis Tulsa, OK 74165	SW	Systems & Equipment: Except electrical CAR's 3, 4a, 4b, FAR's 23, 25, non-turbine powered only
Edward Straub	304 Baltimore St. Gettysburg, PA 17325	EA	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Cyril Swerdlin	24 Sylvia Drive West Islip, NY 11795	EA	Systems & Equipment: Except electrical CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Harold F. Tanke	17060 Livorno Dr. Pacific Palisades, CA 90272	WE	Systems & Equipment
Donald H. Trompler	3038 Forest Brook Drive Lakeland, FL 33803	SO	Systems & Equipment: FAR 23
Richard E. Vanantwerp	300 Ranchwood Blvd. Yukon, OK 73099	SW	Systems & Equipment: CAR 3, except electrical and electronic systems
George W. Westphal	422 E. Macon Street Savannah, GA 31401	SO	Systems & Equipment: FAR 23
Morris F. Wheeler	8895 Montview Blvd. Hangar E Denver, CO 80220	RM	Systems & Equipment: FAR's 23, 25
Dudley E. White	23 Hogan Drive Conroe, TX 77302	SW	Systems & Equipment: CAR 6, 7; FAR 27, 29, electrical and electronics systems only
John Willett III	4314 Bloomdale San Antonio, TX 78218	SW	Systems & Equipment: CAR 3, FAR 23, limited to single engine installation of alternator, voltage regulators, voltmeter, ammeter, and overvoltage relays
Roy A. Wulff c/o Wulff Associates	Box 24, Lucas Ave. Ext. Kingston, NY 12401	EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, hydraulics
Kenneth E. Yeoman	P.O. Box 17461 San Antonio, TX 78217	SW	Systems & Equipment: Except electronics, CAR's 3, 4a, 4b, FAR's 23, 25
J. J. Zizzi	503 Shelfar Place Cxon Hill, ME 26622	EA	Systems & Equipment: (Electrical and electronics)
Matthew Norman Zrubek	7334 Coronado Ct. Boulder, CO 80303	RM	Systems & Equipment: FAR's 23, 25

RADIO

Norman Engel	240 Christie Street Ridgefield, NJ 07660	EA	Radio: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
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POWERPLANT

Oscar Anthony Alcedo	P. O. Box 141 Hurst, TX 76053	SW	Powerplant: CAR's 3, 4a, FAR 23; CAR's 6, 7; FAR's 27, 29, excluding vibration and fatigue transmission and drive systems
Ralph P. Alex	1037 Stratfield Road Bridgeport, CT 06604	NE	Powerplant: Powerplant systems and installations
William I. Anderson, Jr.	7526 Middlewood Houston, TX 77063	SW	Powerplant: CAR 3, FAR 23, single engine, reciprocating engine only
Robert J. Auburn	6507 West Langley Lane McLean, VA 22101	EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
L. N. (Sam) Bass	1001 North Inwood Drive Arlington, TX 76010	SW	Powerplant: CAR's 3, 4b, 6, 7, 8; FAR's 23, 25, 27, 29, propulsion indicating systems, fuel flow systems, and ignition sources
Donald L. Blackaller	7222 West 78th Street Los Angeles, CA 90045	WE	Powerplant
C. H. Brent	P. O. Box 486 Pittsburg, KS 66762	CE	Powerplant: Privileges/limitations (propulsion installation, piston engines only) Bulletin 7, CAR 3, 4a, FAR 23

CONSULTANT	ADDRESS	REGION	LIMITATIONS
Frank Z. Brown	11356 Relcama Street Lakeview Terrace, CA 91142	WE	Powerplant
W. A. Bruensicke	2709 4th Street Santa Monica, CA 90465	WE	Powerplant
John B. Bryerton	29 Sylver Drive Lock Haven, PA 17745	EA	Powerplant: CAR 3/FAR 23
Merrill B. Bumbaugh S.T.C. Engineering Co.	4410 N.W. 54th St. Oklahoma City, OK 73112	SW	Powerplant: CAR 3, FAR 23, aircraft with reciprocating engines and restricted category aircraft with turbine engines
Robert L. Carder	613 Inverness Court Norman, OK 73069	SW	Powerplant: CAR's 3, 4b; FAR's 23, 25
Robert Z. Cieslak	7918 Old Folk City Road Lakeland, FL 33805	SO	Powerplant: CAR 3, FAR 23, except vibration
Walter T. Clark, Jr. Clark Engineering Ser.	312 E. Main Street Lancaster, TX 75146	SW	Powerplant: Limited to heaters, APU's and associated fuel systems
Angelo A. Coronato	25 Hillston Road Trumbull, CT 06611	NE	Powerplant: Powerplant systems and installations, drive systems
E. Forest Critchlow	P. O. Box 72 Addison, PA 15411	EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Harold E. Dale Dale Air Engineering	F.C. Box 3066 Torrance, CA 90510	WE	Powerplant
Robert B. Dale	30030 Minglewood Lane Farmington, MI 48024	GL	Powerplant: Bulletin 7A, CAR 3, 4, 4b, FAR's 23, 25
Gilbert De Vore De Vore Aviation Corp.	125 Mineola Avenue Roslyn Heights, NY 11577	EA	Powerplant: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Billy B. Dickson	232 Brookview Drive Burst, TX 76053	SW	Powerplant: CAR 6, 7; FAR 27, 29, vibration and fatigue only
Joseph B. Dwerlkotte	Douglas Bldg., Suite 1313 104 South Broadway Wichita, KS 67202	CE	Powerplant: Bulletin 7, CAR 3, 4a, 4b, FAR 23, 25
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	SO	Powerplant: CAR 3/FAR 23, except vibration
Joseph Gigante	52 Hillcrest Place Westwood, MA 02090	NE	Powerplant: Powerplant systems and installations
Charles Henry Green	Route 1, Box 1108 Wetmore, TX 78163	SW	Powerplant: CAR's 3, 4b; FAR's 23, 25
Anthony G. Grodson	F.C. Box 414301 Miami Beach, FL 33141	SO	Powerplant: FAR 23, 25, CAR 3, 4b
Quinton J. Hawthorne	Rural Route 4, Box 924 Fremont, IN 46737	GL	Powerplant: Bulletin 7A, CAR 3, 4a, FAR 23, 25
Kenneth J. Holloway	1517 Saxony Road Fort Worth, TX 76116	SW	Powerplant: CAR's 3, 4b, 6, 7; FAR's 23, 25, 27, 29
Charles A. Hughes	1226 Fieldcrest Wichita, KS 67209	CE	Powerplant: FAR 36, Subpart E & F
Vern M. Johnson	2843 North 76th Place Scottsdale, AZ 85272	WE	Powerplant
Oscar G. Klingman	121 South Monitor Place Tucson, AZ 85710	WE	Powerplant
Carlos Latoni	611 Greytwig Road Vero Beach, FL 32960	SO	Powerplant: FAR 36, accoustical
Bruce Malcolm Bellanca Aircraft Corp.	Alexandria, MN 56308	GL	Powerplant
Donald J. McCaffrey	31 McCain Court Closter, NJ 07624	EA	Powerplant: Engine fire extinguishing and detection systems only, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Floyd T. Melton	4021 E. Clayton Road Fort Worth, TX 76116	SW	Powerplant: CAR's 3, 4b, 6, 7, FAR's 23, 25, 27, 29, 33
John J. Miller	305 Foreman Avenue Norman, OK 73069	SW	Powerplant: CAR's 3, 4b, FAR's 23, 25
Paul M. Nichols	428 Whipoorwill Road Albany, GA 31707	SO	Powerplant: FAR 23, except vibration, fuel systems and fire protection installations

CONSULIANT	ADDRESS	REGION	LIMITATIONS
Randall D. Petersen	3295 Darley Avenue Boulder, CO 80303	RM	Powerplant
George L. Petitgout, Jr. Vertol Division The Boeing Company	P. O. Box 16858 Philadelphia, PA 19142	EA	Powerplant: Installation only, CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Richard K. Preece	16904 Dutton Drive La Mesa, CA 92041	WE	Powerplant
Allister L. Presnal Anderson-Greenwood Avia. Corp.	P.O. Box 1097 Bellaire, TX 77401	SW	Powerplant: CAR 3, FAR 23, single engine reciprocating engine only
Franklin C. Price	907 Granite Springs Lane Stone Mountain, GA 32960	SO	Powerplant: FAR 23, 25
Albert Puccinelli	36 Bay Drive East Huntington, NY 11743	EA	Powerplant: CAR 3/4a, FAR 23, 25, 27, 29
James W. Riherd	1701 - 26th Avenue Vero Beach, FL 32960	SO	Powerplant: CAR 3, FAR 23, except vibration
Jack M. Riley, Jr.	4307 Shady Glen Waco, TX 76708	SW	Powerplant: CAR 3, FAR 23, piston engine airplanes
Simon M. Ross	50 - 20 211th Street Bayside, NY 11364	EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Arthur D. Scholes, PE	1708 Ferndale Avenue, SE Renton, WA 98055	NW	Powerplant: CAR 4b, FAR 23, 25, turbine engine performance and inlet and exhaust system installation
Jack Schmuagar	2566 East First Street Brooklyn, NY 11223	EA	Powerplant
Albert N. Schultz, Jr.	Route 1, Box 33A Hiddenite, NC 28636	SO	Powerplant: FAR 31
Nathan Scott	6455 Gaviota Avenue Van Nuys, CA 91406	WE	Powerplant
Henry G. Smith	201 S. Francisca, St. Redondo Beach, CA 90277	WE	Powerplant
T.G. Smith	Route 8, Box 724 Alexandria, MN 56308	GL	Powerplant
B. Leland Snow	3708 Cedar Lane Wichita Falls, TX 76308	SW	Powerplant: CAR 3, FAR 23, reciprocating engine airplanes and restricted category (AG) turbine engine airplanes
Arlie Staigh	2680 Lynda Lane Fallbrook, CA 92028	WE	Powerplant
Norman F. Steiner	7421 Mount Sherman Longmont, CO 80501	RM	Powerplant: FAR 23, 25, 27
Karl H. Stefan c/o U.S. Airships, Inc.	Route 1, Box 108 Bullard, TX 75757	SW	Powerplant: FAR 31, Balloons only
Cyril Swerdlin	24 Sylvia Drive West Islip, NY 11795	EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Dewey C. Thomas	726 Hartman Drive Norman, OK 73069	SW	Powerplant: CAR 3, FAR 23
David B. Thurston	16 Jerico Drive Old Lyme, CT 06371	NE	Powerplant: Except vibration
Donald H. Trompler	3038 Forest Brook Drive Lakeland, FL 33803	SO	Powerplant: FAR 23 (except vibration)
T. Ted Tsue	6928 South 130th St. Seattle, WA 98178	NW	Powerplant: CAR 4b, FAR 23, 25, Powerplant installations not including engine performance
Avner Weizer	632 Palmcre Court Lakeland, FL 33803	SO	Powerplant: CAR 3, FAR 23 (except vibration)
George W. Westphal	422 E. Macon Street Savannah, GA 31402	SO	Powerplant: Reciprocating engine installation (except vibration)
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	WE	Powerplant: CAR 4b, 3; FAR 23, 25, aircraft with reciprocating and turbine engines

CONSULTANT	ADDRESS	REGION	LIMITATIONS
John Willett III	4314 Bloccdale San Antonio, TX 78218	SW	Powerplant: CAR 3, FAR 23, exhaust gas temperature and cylinder head, temperature indicators
Kenneth J. Yeoman	P.O. Box 17401 San Antonio, TX 78217	SW	Powerplant: CAR's 3, 4b; FAR's 23, 25; ice protection system only

ENGINES

George A. Altgelt	Route 2, Box 89 Floresville, TX 78114	SW	Engine: Aircraft engine cylinder chrome plating specialist limited to: chrome plating processing of aircraft engine cylinders, determining compatability of piston rings for chrome plated cylinders, weld repairs to cast metal engine parts, and witnessing engine endurance tests when authorized by FAA
Robert J. Auburn	6507 West Langley Lane McClean, VA 22101	EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
E. Forest Critchlow	P.O. Box 72 Addison, PA 15411	EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Kenneth Holloway	1517 Saxony Road Port Worth, TX 76116	SW	Engine: FAR 33
Floyd T. Melton	4021 E. Clayton Rd. Port Worth, TX 76116	SW	Engine: FAR 33
Franklin C. Price	907 Granite Springs Lane Stone Mountain, GA 32960	SO	Engine: FAR 33, Reciprocating
Simon M. Ross	50 - 20 211th Street Bayside, NY 11364	EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Jack Schmugar	2566 East First Street Brooklyn, NY 11223	EA	Engine
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	WE	Engine: CAR 13, FAR 33 reciprocating

PROPELLERS

E. Forest Critchlow	P. O. Box 72 Addison, PA 15411	EA	Propellers: Vibration, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Sanford Friezner Specialized Testing Service	10758 Burbank, Blvd. N. Hollywood, CA 91601	WE	Propellers
Franklin C. Price	907 Granite Springs Lane Stone Mountain, GA 32960	SO	Propellers: FAR 35
Simon M. Ross	50 - 20 211th St. Bayside, NY 11364	EA	Propellers: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Jack Schmugar	2566 East First Street Brooklyn, NY 11223	EA	Propellers
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	WE	Propellers: CAR 14, FAR 35

FLIGHT ANALYSTS

Herbert W. Barnhouse	706 13th Avenue Vero Beach, FL 32960	SO	Flight Analyst: CAR's 3 and 8, FAR 23
Paul P. Blanchard	4213 Hunter's Hill Norman, OK 73069	SW	Flight Analyst: CAR 3, FAR 23
Donald L. Blackaller	7222 West 78th Street Los Angeles, CA 90045	WE	Flight Analyst
Frank Z. Brown	11356 Kelowna Street Lakeview Terrace, CA 91342	WE	Flight Analyst
Joe Allen Brownlee	P.O. Box 5754 Lakeland, FL 33803	SO	Flight Analyst
Wilford A. Bryde	* 3119 Alta Laguna Blvd. Laguna Beach, CA 92651	WE	Flight Analyst

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CONSULTANT	ADDRESS	REGION	LIMITATIONS
Donald R. Buell	20490 Seaboard Road Malibu, CA 90265	WE	Flight Analyst
Donald R. Byrnes	4015 W. 137th St., Apt. 102 Hawthorne, CA 90250	WE	Flight Analyst
Hubert C. Carel	10252 Creston Dr. Cupertino, CA 95014	WE	Flight Analyst
Paul A. Carver	731 Executive San Antonio, TX 78216	SW	Flight Analyst: CAR 3, FAR 23, SFAR 23
Harold K. Cheney	22091 East Waite Lake Elsinore, CA 92530	WE	Flight Analyst
Richard Ervin Clauer	P.O. Box 29000 Phoenix, AZ 85038	SW	Flight Analyst: CAR 6, 7; FAR 27, 29; electronic/avionic testing
Gilbert De Vore De Vore Aviation Corp.	125 Mineola Avenue Roslyn Heights, NY 11577	EA	Flight Analyst: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
O. R. Dunn	10221 Sterling Avenue Villa Park, CA 92567	WE	Flight Analyst
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	SO	Flight Analyst: CAR 3, FAR 23
Stanley N. Grayson, Jr.	204 Fleetwood San Antonio, TX 78232	SW	Flight Analyst: CAR's 3, 4b, FAR's 23, 25
Vern M. Johnson	2843 North 76th Place Scottsdale, AZ 85272	WE	Flight Analyst
Robert K. Kirby	1802 - 26th Avenue Vero Beach, FL 32960	SO	Flight Analyst: FAR 23, 25
Charles L. Kuntz	R.D. 1, Box 276 Mill Hall, PA 17751	EA	Flight Analyst: FAR 23/CAR 3 aerodynamics performance
Bruce Malcolm Bellanca Aircraft Corp.	Alexandria, MN 56308	GL	Flight Analyst
William L. Marcy	3041 So. Golden Way Denver, CO 80227	RM	Flight Analyst: FAR 23
Bruce W. Malcolm	P.O. Box 72 Kerrville, TX 78028	SW	Flight Analyst: CAR 3, 4a, FAR 23 single engine reciprocating engine airplanes only
Antonio Morelli	Route 1, Box 352A Joshua, TX 76058	SW	Flight Analyst: CAR's 3, 4b, FAR's 23, 25, limited to data reduction and data analysis
Paul M. Nichols	428 Whippoorwill Road Albany, GA 31705	SO	Flight Analyst: CAR 3, FAR 23
Fred J. Norstadt	3631 St. Elizabeth Road Glendale, CA 91206	WE	Flight Analyst
Paul H. O'Donnell	5825 Mina Vista Tucson, AZ 85719	WE	Flight Analyst
Jack Shannon Shannon Aerodynamic Engineering	215 Terminal Building Boeing Field International Seattle, WA 98108	NW	Flight Analyst: Performance
T.G. Smith	Route 8, Box 724 Alexandria, MN 56308	GL	Flight Analyst
A.J. Sobieralski	7438 S.E. 32nd Street Mercer Island, WA 98040	NW	Flight Analyst: Performance
Lester M. Starbuck	30691 LaSombra Court Tecacula, CA 92390	WE	Flight Analyst
Donald R. Stonebrook	P.O. Box 5193 Lakeland, FL 33803	SO	Flight Analyst
Robert M. Susi	1252 - 17th Street Hermosa Beach, CA 90254	WE	Flight Analyst
L.M. Timmons	3933 - 125th Avenue, S.E. Bellevue, WA 98005	NW	Flight Analyst: Performance
Joseph J. Tymczyszyn	29318 Oceanridge Drive Rancho Palos Verdes, CA 90274	WE	Flight Analyst
Gene Voorhees	44123 Sanicroft Lancaster, CA 93534	WE	Flight Analyst: FAR 25

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CONSULTANT	ADDRESS	REGION	LIMITATIONS
William R. Walley	2728 Butler Avenue Los Angeles, CA 90064	WE	Flight Analyst
Robert W. Winchell	1475 Woodlake Drive, #130 Lakeland, FL 33803	SO	Flight Analyst: FAR 23

FLIGHT TEST PILOTS

R. A. Balzer	28 Stonehenge Lane Malvern, PA 19355	EA	Flight Test Pilot: FAR 27, CAR 6
Herbert W. Barnhouse	706 13th Avenue Vero Beach, FL 32960	SO	Flight Test Pilot: CAR 3, FAR 23
Rufus H. Blackwell, III c/o Dee Howard Company	P.O. Box 17300 San Antonio, TX 78217	SW	Flight Test Pilot: CAR's 3, 4b; FAR's 23, 29
Donald L. Bloom	3911 Shady Valley Drive Arlington, TX 76010	SW	Flight Test Pilot: CAR 6, 7; FAR 27, 29
Morton J. Brown	3510 Hillcrest Road Harrisburg, PA 17105	EA	Flight Test Pilot: CAR 3/FAR 23
Jack M. Burden	13118 Paradise Valley Houston, TX 77069	SW	Flight Test Pilot: CAR 3, FAR 23, avionics and flight instrument systems
Larry K. Clark	P.O. Box 29000 Phoenix, AZ 85038	SW	Flight Test Pilot: CAR's 6, 7, FAR's 27, 29; limited to avionics navigation systems, but not including automatic flight control systems or autopilots
Morgan T. Cobb Gulfstream American Corp.	P.O. Box 2206 Savannah, GA 31402	SO	Flight Test Pilot: (Transport category)
Walter F. Davis	700 Brazos Drive Mineral Wells, TX 76067	SW	Flight Test Pilot: CAR 3, FAR 23, autopilots, flight directors, and electric trim only
Gerald P. Duin	25241 Denny Road Torrance, CA 90505	WE	Flight Test Pilot
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	SO	Flight Test Pilot: CAR 3, FAR 23
Robert V. Ford	P.O. Box 10486, Salem Station Winston-Salem, NC 27108	SO	Flight Test Pilot: FAR's 23, 25, 31
David H. Gollings	P.O. Box 70 Tehacapi, CA 93561	WE	Flight Test Pilot: CAR 3, FAR 23
Stanley W. Grayson, Jr.	200 Fleetwood San Antonio, TX 78232	SW	Flight Test Pilot: CAR 3, 4b, FAR 23, 25
Michael R. Gubich	1335 South Oakland Street Aurora, CO 80012	RM	Flight Test Pilot: Avionics
Jake C. Hart	301 Plainview Drive Hurst, TX 76053	SW	Flight Test Pilot: CAR 6, 7, FAR 27, 29
Russell L. Howard	Route 4, Box 120B Martinsburg, WV 25401	EA	Flight Test Pilot: CAR 3/4b, FAR 23/25
James L. Irwin	2905 N. E. 11th Street Mineral Wells, TX 76067	SW	Flight Test Pilot: CAR 3, FAR 23 autopilots, flight director/autopilots, yaw dampers, and electric trim systems
Stewart L. Pittman	5908 Oakmont Lane Lakeland, FL 33803	SO	Flight Test Pilot: CAR 3, FAR 23
William P. Kelly, Jr.	1416 Orangewood Circle Lakeland, FL 33803	SO	Flight Test Pilot: CAR 3, FAR 23
Ralph D. Kimberlin	P.O. Box 363 Tullahoma, TN 37388	SO	Flight Test Pilot: FAR 23
David L. Lawrence	1135 Plato Avenue Orlando, FL 32809	SO	Flight Test Pilot: CAR 3, FAR 23
W.B. Lawton	105 West Water Street Lock Haven, PA 17745	EA	Flight Test Pilot: CAR 3/FAR 23
William R. Moreau	P.O. Box 996 Vero Beach, FL 32960	SO	Flight Test Pilot: CAR 3, FAR 23
Paul M. Nichols	428 Whipoorwill Road Albany, GA 31705	SO	Flight Test Pilot: CAR 3, FAR 23

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CONSULTANT	ADDRESS	REGION	LIMITATIONS
Paul H. O'Donnell	5825 Mina Vista Tuscon, AZ 85718	WE	Flight Test Pilot
Ronald G. Puckett	14500 University Wichita, KS 67235	CE	Flight Test Pilot: FAR 23, 25 and 27 Rotorcraft
James S. Reid	4026 42nd Avenue South St. Petersburg, FL 33711	SO	Flight Test Pilot: CAR 6/7, FAR 27/29 Helicopters
Richard S. Sliff	3769 Sebren Avenue Long Beach, CA 90801	WE	Flight Test Pilot
S.R. Speer	P.O. Box 11412 Spokane, WA 99211	NW	Flight Test Pilot
Clifford L. Stout	63 South Foothill Road Medford, OR 97501	WE	Flight Test Pilot
Floyd B. Stroup	133 Eldridge Road Fort Walton Beach, FL 32548	SO	Flight Test Pilot: CAR 3, FAR 23
Leo J. Sullivan	1031 Wylie Road #23 Marietta, GA 30067	SO	Flight Test Pilot
W. W. Taylor	Box 6142 Midland, TX 79701	SW	Flight Test Pilot: CAR 3, FAR 23
Joseph J. Tymczyszyn	29318 Oceanrudge Drive Rancho Palos Verdes, CA 90274	WE	Flight Test Pilot

SPECIAL - ADMINISTRATIVE

Paul E. Everly	Box 19 Mackeyville, PA 17745	EA	Consultant Special - Administrative: CAR 3/FAR 23 programs
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U.S. Department
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**Federal Aviation
Administration**

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