



U.S. Department
of Transportation
**Federal Aviation
Administration**

Advisory Circular

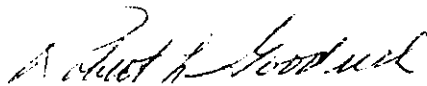
M-494.6

Subject: DESIGNATED ENGINEERING
REPRESENTATIVES

Date: 7/19/83
Initiated by: AVN-113

AC No: AC 183.29-1R
Change:

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 that complies with the Federal Aviation Regulations within particular categories and subject to prescribed limitations.
2. CANCELLATION. AC 183.29-1Q, Designated Engineering Representatives, dated August 16, 1982, 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.


Robert L. Goodrich
Director, Aviation Standards
National Field Office

DESIGNATED ENGINEERING REPRESENTATIVES

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
<u>ACOUSTICAL</u>			
William J. Galloway	19343 Olivos Drive Tarzana, CA 91356	CA-NM	Acoustical: FAR 36
<u>STRUCTURES</u>			
Gordon Mandell	P.O. Box 1061 Eagle River, AK 99577	AK-NM	Structures: Gen FAR 23 structures - small airplanes and some large aircraft
James A. Everitt	Route 3, Box 250 Bessemer, AL 35020	AL-SO	Structures: Except flutter and vibration
Jackson L. Hulsey	2030 Lauderdale Street Selma, AL 36701	AL-SO	Structures: Structures, except flutter and vibration, CAR 3, 8; FAR 23
Richard G. Nelson	7001 Flintrock Little Rock, AR 72116	AR-SW	Structures: CAR 3, 4b; FAR 23, 25, except flutter and vibration
F. W. Anderson	719 19th St. Manhattan Beach, CA 90266	CA-NM	Structures: FAR 23, 25, static structures
Benjamin Ben-Aziz	10510 Victory N. Hollywood, CA 91606	CA-NM	Structures: FAR 23, 25, Structures and flutter, prop and twin turbo prop only for flutters
Dr. Richard M. Carlson	20999 Sara Hills Dr. Saratoga, CA 95070	CA-NM	Structures: Static, dynamics and fatigue for FAR 27 and 23
Thomas I. Cox	15750 Chatsworth Street Granada Hills, CA 91344	CA-NM	Structures: FAR 23, structural analysis only
Harold E. Dale	P.O. Box 3066 Torrance, CA 90510	CA-NM	Structures: Plants, FAR 23
Robert E. Donham	4519 Sunnyslope Avenue Sherman Oaks, CA 91403	CA-NM	Structures: Flutter only, FAR 23, 25
Gerald F. Dulin	3916 West 234th Street Torrance, CA 90505	CA-NM	Structures: Pertaining to FAR 23 autopilot (9 passengers or less), prop driven
Ray D. Evans	1055 Quail Ridge Drive Santa Maria, CA 93455	CA-NM	Structures
Sanford Friezner	10758 Burbank Blvd. N. Hollywood, CA 91601	CA-NM	Structures: Witness official FAA test to establish freedom from flutter only, FAR 23 & 25
Frank Prueh	2513 Scott Road Burbank, CA 91504	CA-NM	Structures-General: Approve detailed design and analytical substantiation (static) data leading to TC or STC on FAR 23 and FAR 25 aircraft, plus approval of data demonstrating freedom from flutter for single and twin engine propeller aircraft.
Paul A. Gibson	1511 Bushard St., No. 36 Westminster, CA 92683	CA-NM	Structures-General: Approve analytical substantiation (static) data and detail design approval. FAR 23 propeller aircraft and FAR 27 rotorcraft, airframe.
Colin D. Gruber	18416 Tribune Street Northridge, CA 91326	CA-NM	Structures: FAR 23, 25
L. G. Hall	4332 Bridgeway Irvine, CA 92714	CA-NM	Structures
Costa Hase	22726 Hartland Street Canoga Park, CA 91307	CA-NM	Structures
Donald R. Jacoby	1612 Strand Way Oceanside, CA 92034	CA-NM	Structures
A. M. Kaplan	16123 Covello Street Van Nuys, CA 91406	CA-NM	Structures-General: Approve analytical substantiation (static) data and detail design approval. FAR 23 and FAR 25 aircraft. FAR 27 rotorcraft, nonrotating components.
F. J. Karnowski	20557 Madison Street Torrance, CA 90503	CA-NM	Structures-General: Approve analytical substantiation (static) data, detail design approval, witness official FAA static tests, recommend approval of development and qualification test programs leading to TC or STC on FAR 23 aircraft.
Brian Keeley	16383 Myrtlewood Street Fountain Valley, CA 92708	CA-NM	Structures

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Clyde W. King	2228 Via Acalones Palos Verdes Estates, CA 90274	CA-NM	Structures: FAR 25
Dr. Hsiang Kuang	4556 West 16th Place Los Angeles, CA 90019	CA-NM	Structures: FAR 23, 25, static dynamics and fatigue
Jack W. Laister	2712 Chico Avenue South El Monte, CA 91733	CA-NM	Structures
Patton Lewis	8335 Camino Sur Cucamonga, CA 91730	CA-NM	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.
Rocco L. Lippis	167 Via LaCircula Redondo Beach, CA 90277	CA-NM	Structures
Ralph B. Magnusson	6151 Dundee Drive Buntington Beach, CA 92647	CA-NM	Structures-General: Approve analytical substantiation (static) data, detail design approval and witness official, approved FAA tests applicable to FAR 23 and FAR 25 aircraft.
Paul S. Masser	3153 Brookhill Drive Fair Oaks, CA 95628	CA-NM	Structures: Static and detail design STC's for FAR 23 airplanes
Everett W. Morris	25556 Old Course Way Valencia, CA 91355	CA-NM	Structures
Garnett Pankey	40931 43rd Street West Lancaster, CA 93534	CA-NM	Structures
Howard L. Patterson	3726 West 171st St. Torrance, CA 90504	CA-NM	Structures: FAR 23, 25, static analysis
Joseph Paul	1230 Cambridge Avenue Claremont, CA 91711	CA-NM	Structures: FAR 23, 25, static analysis
Robert E. Poteet	19310 Nashville Northridge, CA 91324	CA-NM	Structures: FAR 23, 25, structural analysis, weight and balance only
Billyer Prentice, Jr.	4218 Lomo Del Sur La Mesa, CA 92041	CA-NM	Structures: FAR 23, CAR 3
George S. Rasmussen	P.O. Box 10519 Glendale, CA 91209	CA-NM	Structures
Richard J. Rose	1313 Zuni Drive Topanga, CA 90290	CA-NM	Structures: FAR 23, static, seats and interior items only
Arnold E. Robin	4981 Nocline Avenue Encino, CA 91436	CA-NM	Structures: FAR 23, 25, structural analysis only
Francis R. Schmid	272 Claremont Avenue Long Beach, CA 90803	CA-NM	Structures
Charles R. Smith	4700 Paseo de las Tortugas Torrance, CA 90505	CA-NM	Structures
Henry G. Smith	201 S. Francisca, Apt. #1 Redondo Beach, CA 90277	CA-NM	Structures: Static, dynamics and fatigue, detail design, drive system, installations, rotary wing, FAR 27, 29
Floyd E. Snow	6701 Odessa St. Van Nuys, CA 91406	CA-NM	Structures-General: Approve analytical substantiation (static) data, and detail design approval leading to the issuance of a TC or STC for FAR 23 and FAR 25 aircraft and FAR 27 rotorcraft, nonrotating components.
Neal W. Thomas	1399 Via Zurita Claremont, CA 91711	CA-NM	Structures: (Static) detail design for STC, FAR 23, 25
Edward W. Thrall	P.O. Box 292 Point Arena, CA 93469	CA-NM	Structures
Lincoln B. Wiley	505 West Walnut Ave. El Segundo, CA 90245	CA-NM	Structures: And detail design (static and dynamic) TC and STC for FAR 27
Leo B. Winters	16117 Vanoven Street Van Nuys, CA 91406	CA-NM	Structures
Carl F. Branson	4275 Broadway, Unit B Denver, CO 83216	CO-NM	Structures: FAR 23, 25
Dr. James P. Hauser	2850 Kenyon Circle Boulder, CO 80303	CO-NM	Structures: FAR 23, 25, 27, 29

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Appendix 1

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Jerome A. Mallon	7995 E. Mississippi #J12 Denver, CO 80231	CO-NM	Structures: CAR 3, 4b, FAR 23, 25
William L. Marcy	3041 So. Golden Way Denver, CO 80227	CO-NM	Structures: FAR 23
Joseph H. McKenna	1533 Hathaway Drive Colorado Springs, CO 80915	CO-NM	Structures: FAR 23
Randall D. Petersen	7249 Petrusdale Boulder, CO 80301	CO-NM	Structures: FAR 23, 27
Norman F. Steiner	7421 Mount Sherman Longmont, CO 80501	CO-NM	Structures: CAR 3, FAR 23, including flutter within scope of simplified criteria
Matthew Norman Zrubek	7334 Coronado Ct. Boulder, CO 80303	CO-NM	Structures: FAR 23, 25
Ralph P. Alex	1037 Stratfield Rd. Bridgeport, CT 06604	CT-NE	Structures: Rotorcraft - fixed wing, except flutter, vibrations and fatigue
David B. Thurston	16 Jerico Drive Old Lyme, CT 06371	CT-NE	Structures: Except flutter, vibration and fatigue
John P. Kelleher	315 Oregon Avenue Penn Acres New Castle, DE 19702	DE-EA	Structures: Interior modifications and avionics installations, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Herbert W. Barnhouse	706 13th Ave. Vero Beach, FL 32960	FL-SO	Structures: Except flutter and vibration CAR 3, 8, FAR 23
Robert C. Coghlan	700 West 63rd Drive Hialeah, FL 33012	FL-SO	Structures: Install equipment and make repairs
Raymond L. Dickey, Jr.	6723 Woodside Court Lakeland, FL 33803	FL-SO	Structures: Except flutter and vibration
Anthony G. Grodson	P.O. Box 414301 Miami Beach, FL 33141	FL-SO	Structures: Except flutter and vibration FAR 23, 25, CAR 3, 4b
Quinton J. Hawthorne	325 Passage Way Osprey, FL 33559	FL-SO	Structures: Except flutter and vibration
Robert E. Kidd	14290 Sabal Drive Miami, FL 33014	FL-SO	Structures: Except flutter and vibration
Carlos Latoni	611 Greytwig Road Vero Beach, FL 32960	FL-SO	Structures: Flutter and vibration only
Eugene A. Milin	2010 East Vina Delmar St. Petersburg, FL 33706	FL-SO	Structures: Except flutter and vibrations
John S. Patterson	90 N.W. 154th Street Miami, FL 33169	FL-SO	Structures: Except flutter and vibration
Peter E. Peck	7045 20th Avenue Vero Beach, FL 32906	FL-SO	Structures: FAR 23, except flutter and vibration
Allen D. Shaffer	6105 Dory Way Tampa, FL 33615	FL-SO	Structures: FAR 23, 25, except flutter and vibration
Marion Shin (MS)	P.O. Box 6374 Vero Beach, FL 32960	FL-SO	Structures: FAR 23, 25, except flutter and vibration
Clarence M. Smith	5737 Brook Loop Lakeland, FL 33808	FL-SO	Structures: Except flutter and vibration
Kenneth W. Thompson	4311 Southwest 93rd Avenue Miami, FL 33328	FL-SO	Structures: Except flutter and vibration
Richard C. Combes, Jr.	471 Carriage Drive, NE Atlanta, GA 30328	GA-SO	Structures: Except flutter and vibration
V.P. Gardner	841 Mockingbird Lane Marietta, GA 30067	GA-SO	Structures: Except flutter and vibration
Thomas B. Ingram	263 Conrad Court, SW. Marietta, GA 30064	GA-SO	Structures: Except flutter and vibration
Phillip L. Kessler	P.O. Box 444 Douglasville, GA 30133	GA-SO	Structures: Except flutter and vibration
Harold A. Kosola	P.O. Box 3542 1302 West Broad Avenue Albany, GA 31706	GA-SO	Structures: Except flutter and vibration
Kenneth P. Leddick	4530 Jettridge Dr. N.W. Atlanta, GA 30327	GA-SO	Structures: Except flutter and vibration

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Franklin C. Price	3626 Oxford Trace Marietta, GA 30062	GA-SO	Structures: FAR 23, 25, (propulsion systems only)
Thomas M. Rice	3507 Cedar Valley Drive Smyrna, GA 30080	GA-SO	Structures: Flutter and vibration only
Boyd L. Smith	Route 3, Box 900 Cordele, GA 31015	GA-SO	Structures: CAR 3, 4b, 8; FAR 23, 25
Arthur E. Thompson	4633 Sussex Place Savannah, GA 31405	GA-SO	Structures: Except flutter and vibration
Leon A. Tolve	273 Ninth St., N.E. Atlanta, GA 30309	GA-SO	Structures: Flutter and vibration only
Herbert J. Wardell	625 Windsor Road Savannah, GA 31406	GA-SO	Structures: Except flutter and vibration
George W. Westphal	422 E. Macon Street Savannah, GA 31401	GA-SO	Structures: CAR 3, 4b, FAR 23, 25, except flutter and vibration
Mike H. Abila	1103 Whitfield Lane Wichita, KS 67206	KS-CE	Structures: (Flutter) CAR 3, 4b, FAR 23, FAR 25
C. E. Brent	P. O. Box 486 Pittsburg, KS 66762	KS-CE	Structures: Privileges/limitations are structures (except dynamics) Bulletin 7, CAR 3, 4a, FAR 23
Donald D. Bruss	3107 East Funston Wichita, KS 67211	KS-CE	Structures: Privileges/limitations are structures (limited to landing gear dynamics, wheels, brakes, and tires) - FAR 23, 25
Joseph B. Dwerlkotte	429 North St. Francis Wichita, KS 67202	KS-CE	Structures: CAR 3, 4b, FAR 23, 25, except flutter
Harold H. Russell	1011 Brookfield Wichita, KS 67206	KS-CE	Structures
Joseph Gigante	52 Hillcrest Place Westwood, MA 02090	MA-NE	Structures: Fixed wing except flutter and fatigue
Stanley Nesbitt	301 S. Cherry Grove Ave. Annapolis, MD 21401	MD-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Herbert Lindblad	5 Kirk Street Springvale, ME 04083	ME-NE	Structures: Small airplanes, CAR 3, FAR 23, except flutter and fatigue
Robert B. Dale	30030 Minglewood Lane Farmington Hills, MI 48018	MI-GL	Structures: Bulletin 7A, CAR 3, 4, 4b, FAR 23, 25, except flutter and vibration
George B. Stephens	12705 Grandin Lane Bridgeton, MO 63044	MO-CE	Structures: Privileges/limitations are structures (except flutter) Bulletin 7A, CAR 3, CAR 4, 4b, FAR 23 and 25
Albert W. Schultz, Jr.	Salem Sq., Country Club Rd. Winston-Salem, NC 27104	NC-SO	Structures: FAR 31 only
James Franklin Wood	5641 Lakeside Drive Pfafftown, NC 27040	NC-SO	Structures: Except flutter and vibration
Theron Wright	Route 6, Box 355 Statesville, NC 28677	NC-SO	Structures
M. Terry Cox	P.O. Box 629 Jamestown, ND 58401	ND-GL	Structures: CAR 3, 4b, FAR 23, 25
C. D. Planigen	821 Bay Avenue Toms River, NJ 08753	NJ-EA	Structures: Interior modifications, equipment installations and repairs
Gilbert De Vore	125 Mineola Avenue Roslyn Heights, NY 11577	NY-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Gary Greene	454 Arbuckle Avenue Cedarhurst, NY 11516	NY-EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Arthur Ritter	20 Cider Mill Lane Huntington, NY 11743	NY-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Arnold Robinson	125 Mineola Ave. Roslyn Heights, NY 11577	NY-EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Ernest Schweizer	County Airport Elmira, NY 14901	NY-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
Gordon Silver	16 Shotgun Lane Levittown, NY 11746	NY-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter

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Appendix I

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Cyril Sverdlin	24 Sylvia Drive West Islip, NY 11795	NY-EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Roy A. Wulff	Box 24, Lucas Ave. Ext. Kingston, NY 12401	NY-EA	Structures: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except vibration and flutter
John C. L. Baker	Rt. 1, Box 109 Norman, OK 73069	OK-SW	Structures: CAR 3, 4b, FAR 23, 25, Flutter and vibration CAR 3, FAR 23 only
Richard D. Christian	7736 South 72 East Avenue Tulsa, OK 74133	OK-SW	Structures: CAR 3, 4b, FAR 23, 25 except flutter and vibration
W. Fred Stewart	5678 South Zuni Tulsa, OK 74105	OK-SW	Structures: CAR 3, 4a, 4b, FAR 23, 25, except flutter and vibration
Alb C. Ballauer	403 Morris Lane Wallingford, PA 19806	PA-EA	Structures
Frank W. Blundell	15 North Laurel Lane Lock Haven, PA 17745	PA-EA	Structures: CAR 3/FAR 23
Harold G. Martin	833 Anthony Avenue Waynesboro, PA 17268	PA-EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
David Stanislaw	Morsham Road Ambler, PA 19002	PA-EA	Structures: Ground vibration surveys
Edward Straub	304 Baltimore Street Gettysburg, PA 17325	PA-EA	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
Donald P. Zurfluh	413 West Walnut Street Lock Haven, PA 17745	PA-EA	Structures
Glen A. Beyer	3808 Waynoka Avenue Memphis, TN 38111	TN-SO	Structures: Except flutter and vibration
William A. Griswold	3918 Albert Drive Nashville, TN 37204	TN-SO	Structures: Except flutter and vibration
Albert A. Backstrom, Jr.	Route 1, Box 199B Frisco, TX 75034	TX-SW	Structures: CAR 3, 4a, 4b, CAR 8, FAR 23, 25, except flutter and vibration
Ronnie M. Bays	1102 Gloucester Drive Garland, TX 75040	TX-SW	Structures: CAR 3, 4b, 6, 7, FAR 23, 25, except flutter and vibration
Charles A. Blair	1622 Forest Spring San Antonio, TX 78232	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration
Walter T. Clark	312 Main Street Lancaster, TX 75146	TX-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
Steven Scott Cone	13611 Heartside Place Dallas, TX 75234	TX-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
Billy H. Dickson	232 Brookview Drive Hurst, TX 76053	TX-SW	Structures: CAR 6, 7, FAR 27, 29, except flutter and vibration
James A. Dugelby	250 Hummingbird Lane Kerrville, TX 78028	TX-SW	Structures: CAR 3, 4b, FAR 23, 25, except flutter and vibration
Harold W. Holdeman	Route 3, Box 321 Mineral Wells, TX 76067	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration, and limited to installations of avionics, autopilots, and instruments
Roland M. Howard, Jr.	880 Tully, No. 49 Houston, TX 77079	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration
Robert P. Lathrop	P.O. Box 3848 San Angelo, TX 76902	TX-SW	Structures: CAR 3, 4b, FAR 23, 25, limited to structural tests (static and fatigue) - conduct, witness and approve test results
Allister L. Presnal	1319 Friar Creek Houston, TX 77055	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration
J. H. Simmons	Route 4, Box 4872 Boerne, TX 78006	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration
H. Leland Snow	3708 Cedar Lane Wichita Falls, TX 76308	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration
John F. Taylor	108 Everest Drive San Antonio, TX 78209	TX-SW	Structures: CAR 3, FAR 23, except flutter and vibration

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Berman Waldrup	3316 Sheffield Arlington, TX 76013	TX-SW	Structures: CAR 6, 7, PAR 27, 29, except flutter and vibration
Nelson V. Shapter	6663 McClean McClean, VA 22101	VA-EA	Structures
Michael A. Berry	17031-156th S. E. Benton, WA 98055	WA-NM	Structures: CAR 3, 4b, PAR 23, 25, Flutter and vibration only
W. Peter Jennings	6211 Sycamore, N.W. Seattle, WA 98107	WA-NM	Structures: Structures and flutter dynamics
E. B. Keefe	11457 Glendale Way Seattle, WA 98168	WA-NM	Structures: CAR 3, 4b, PAR 23, 25, not including flutter and vibration
G.C. Lakin	5644 124th Avenue, S.E. Bellevue, WA 98006	WA-NM	Structures
T. V. Wallace	P.O. Box 1711 Bellevue, WA 98009	WA-NM	Structures: Stress-helicopters, small and large aircraft
Steve B. Speer	South 3608 Davidson Blvd. Spokane, WA 99204	WA-NW	Structures: Structures and dynamics
Barney VanAuken	306 Williams Buffalo, WY 82834	WY-NM	Structures: Excluding dynamics, CAR 3, 4b, PAR 23, 25

SYSTEMS & EQUIPMENT

Michael L. Mahaffey	P.O. Box 968 Camp Verde, AZ 86322	AZ-NM	Systems & Equipment
John B. Colao	22036 Collins St., Apt. 127 Woodland Hills, CA 91364	CA-NM	Systems & Equipment
Harold E. Dale	P.O. Box 3066 Torrance, CA 90510	CA-NM	Systems & Equipment
Paul A. Gibson	1511 Bushard Street, No. 36 Westminster, CA 92683	CA-NM	Systems & Equipment-Mechanical Equipment: Authorized areas A thru K (i.e., hydraulic, oxygen, etc.); functions 1 thru 5 (i.e., approve design, testing, etc.) for FAR 23 propeller aircraft, - Electrical Equipment: Electrical installation and detail designs for FAR 23 propeller aircraft
Gerald F. Dulin	3916 West 234th Street Torrance, CA 90505	CA-NM	Systems & Equipment
William Hickey	442 Murray Avenue Camarillo, CA 93010	CA-NM	Systems & Equipment
Robert E. Isaak	5543 Etiwanda Avenue Tarzana, CA 91356	CA-NM	Systems & Equipment
Hsiang Kuang	4556 West 16th Place Los Angeles, CA 90019	CA-NM	Systems & Equipment
Rocco L. Lippis	167 Via LaCircula Redondo Beach, CA 90277	CA-NM	Systems & Equipment
Michael L. Mahaffey	P.O. Box 968 Camp Verde, AZ 86322	AZ-NM	Systems & Equipment
C. Neal Monte	1160 E. Mountain View Glendora, CA 91740	CA-NM	Systems & Equipment
Everett W. Morris	25556 Old Course Way Valencia, CA 91355	CA-NM	Systems & Equipment
Mark W. Ostendorf	P.O. Box 6765 Santa Barbara, CA 93111	CA-NM	Systems & Equipment
John Street Perlee	4045 Via Panion Palos Verdes Est., CA 90274	CA-NM	Systems & Equipment
Glen L. Schroeder	7415 Yarmouth Ave. Beverly Hills, CA 91335	CA-NM	Systems & Equipment
Charles J. Slawson	712 Sea Breeze Drive Seal Beach, CA 90740	CA-NM	Systems & Equipment

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Appendix I

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Floyd E. Snow	6701 Odessa Street Van Nuys, CA 91406	CA-NM	Systems & Equipment-Mechanical Equipment, Hydraulic: Installation and detail design data leading to TC or STC for FAR 23 aircraft and FAR 27 rotorcraft, - Electrical: Installation and detail design leading to TC or STC for FAR 23 and FAR 25 aircraft and FAR 27 rotorcraft
Leo B. Winters	16117 Vanowen Street Van Nuys, CA 91406	CA-NM	Systems & Equipment
Thomas J. Winters	15951 Armita Street Van Nuys, CA 91406	CA-NM	Systems & Equipment
Carl F. Branson	4275 Broadway, Unit B Denver, CO 80216	CO-NM	Systems & Equipment: FAR 23, 25
Dr. James P. Hauser	2850 Kenyon Circle Boulder, CO 80303	CO-NM	Systems & Equipment: FAR 23, 25, 27, 29
Joseph H. McKenna	1533 Hathaway Drive Colorado Springs, CO 80915	CO-NM	Systems & Equipment: FAR 23
Randall D. Petersen	7249 Petrusdale Boulder, CO 80301	CO-NM	Systems & Equipment: FAR 23, 27
Norman F. Steiner	7421 Mount Sherman Longmont, CO 80501	CO-NM	Systems & Equipment: Freon aircraft systems only, FAR 23
Matthew Norman Zrubek	7334 Coronado Ct. Boulder, CO 80303	CO-NM	Systems & Equipment: FAR 23, 25
Ralph P. Alex	1037 Stratfield Rd. Bridgeport, CT 06604	CT-NE	Systems & Equipment: No restrictions
Americo Bellard	64 Andrew Lane Orange, CT 06477	CT-NE	Systems & Equipment: Electrical, electronics and and instruments
Angelo A. Coronato	25 Hillston Road Trumbull, CT 06611	CT-NE	Systems & Equipment: Except electrical and instruments
James M. Burchfield	2328 Roslyn Lane Lakeland, FL 33803	FL-SO	Systems & Equipment: CAR 3, FAR 23 (mechanical systems)
Anthony G. Grodson	P.O. Box 414301 Miami Beach, FL 33141	FL-SO	Systems & Equipment: FAR 23, 25, CAR 3, 4b
Quinton J. Hawthorne	325 Passage Way Osprey, FL 33559	FL-SO	Systems & Equipment: Except avionics
Carl L. Mead	102 Jasmine Circle Clearwater, FL 33519	FL-SO	Systems & Equipment: Avionics, electrical
Lauren B. Nelson	16150 S. W. 108th Ave. Miami, FL 33157	FL-SO	Systems & Equipment: Avionics and electrical
Donald H. Trompler	3038 Forest Brook Drive Lakeland, FL 33803	FL-SO	Systems & Equipment: FAR 23
Jerry D. Tribble	6333 West Newman Circle Lakeland, FL 33803	FL-SO	Systems & Equipment: Mechanical
John A. Flinchum	2111 White Bluff Rd, Apt. 137 Savannah, GA 31406	GA-SO	Systems & Equipment: Mechanical
Franklin C. Price	3626 Oxford Trace Marietta, GA 30062	GA-SO	Systems & Equipment: FAR 23, 25 mechanical systems only
Glenn E. Roark	17 South Millward Savannah, GA 31410	GA-SO	Systems & Equipment: FAR 23, 25, avionics and electrical excluding power generating systems
George W. Westphal	422 E. Macon Street Savannah, GA 31401	GS-SO	Systems & Equipment: CAR 3, 4b, FAR 23, 25
C.H. Brent	P.O. Box 486 Pittsburg, KS 66762	KS-CE	Systems & Equipment: CAR 3, 4a, FAR 23
Donald D. Bruss	3107 East Funston Wichita, KS 67211	KS-CE	Systems & Equipment: Privileges/limitations are Systems & Equipment (limited to hydraulics and landing gear systems), FAR 23 and 25
Joseph B. Dwerlkotte	429 North St. Francis Wichita, KS 67202	KS-CE	Systems & Equipment: (Limited to electrical hydraulic, air conditioning pressurization and pneumatics) CAR 3 and FAR 23

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
J. J. Zizzi	503 Shelfar Place Oron Hill, MD 20022	MD-BA	Systems & Equipment: (Electrical and electronics)
John Gigante	52 Hillcrest Place Westwood, ME 02090	ME-NE	Systems & Equipment: No restrictions
Herbert Lindblad	5 Kirk Street Springvale, ME 04083	ME-NE	Systems & Equipment: No restrictions
Robert B. Dale	30030 Ringlewood Lane Farmington Hills, MI 48018	MI-GL	Systems & Equipment: Bulletin 7A, CAR 3, 4, 4b, FAR 23, 25
William B. Nickolson	Boverie Drive, Route 2 St. Genevieve, MO 63670	MO-CE	Systems & Equipment: CAR 4b, FAR 25
George B. Stephens	12705 Grandin Lane Bridgeton, MO 63044	MO-CE	Systems & Equipment: CAR 3, 4b, FAR 23, 25
Theron Wright	Route 6, Box 355 Statesville, NC 28677	NC-SO	Systems & Equipment
Norman Engel	240 Christie Street Bridgefield, NJ 07660	NJ-EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Robert E. Jensen	14213 Marquette Avenue, N.E. Albuquerque, NM 87109	NM-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, limited to electrical - electronic - pitot static
Arthur Braun	3 Driftwood Drive Glen Cove, NY 11542	NY-EA	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Frank R. Cassell	43-23 166 Street Flushing, NY 11358	NY-EA	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Gilbert De Vore	125 Mineola Ave. Roslyn Heights, NY 11577	NY-EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Joseph Gordon	30 Birchwood Terrace Manuet, NY 10954	NY-EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Alfred Puccinelli	36 Bay Drive East Bantington, NY 11743	NY-EA	Systems & Equipment: Except electrical, CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Arthur Bitter	20 Cider Mill Lane Bantington, NY 11743	NY-EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Ernest Schweizer	County Airport Elmira, NY 14901	NY-EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Cyril Sverdlin	24 Sylvia Drive West Islip, NY 11795	NY-EA	Systems & Equipment: Except electrical CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Roy A. Wulff	Box 24, Lucas Ave. Ext. Kingston, NY 12401	NY-EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, hydraulics
Robert L. Carder	613 Inverness Court Norman, OK 73069	OK-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, electrical/electronic
Charles E. Holt	528 Merrywood Norman, OK 73069	OK-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, except electrical/electronics
John P. Morehead	210 Westside Drive Norman, OK 73069	OK-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, electrical/electronics, except generating systems
Robert A. Owens	1441 S.W. 68th Street Oklahoma City, OK 73159	OK-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Charles W. Simonds	Route 5, Box 43 Norman, OK 73069	OK-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, electronic systems
W. Fred Stewart	5678 S. Zanis Tulsa, OK 74105	OK-SW	Systems & Equipment: CAR 3, 4a, 4b, FAR's 23, 25, non-turbine powered only
Richard E. Van Antwerp	300 Ranchwood Blvd. Tulsa, OK 73099	OK-SW	Systems & Equipment: CAR 3, FAR 23, except electrical and electronic systems
John B. Bryerton	29 Sylver Drive Lock Haven, PA 17745	PA-EA	Systems & Equipment: Except electrical and electronics
William P. Coyle	347 East Main Street Lake Haven, PA 17745	PA-EA	Systems & Equipment: Electrical and electronic CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
J. B. Kruk	407 Irwin Street Lock Haven, PA 17745	PA-EA	Systems & Equipment: (Electrical and electronics)
George L. Petitgout, Jr.	P. O. Box 16858 Philadelphia, PA 19142	PA-EA	Systems & Equipment: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29, except electrical

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Gerald K. Poorman	RD 2, 45 Woodland Drive Lock Haven, PA 17745	PA-EA	Systems & Equipment: Electrical, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Edward Straub	304 Baltimore St. Gettysburg, PA 17325	PA-EA	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except vibration and flutter
William L. Anderson, Jr.	7526 Middlewood Houston, TX 77063	TX-SW	Systems & Equipment: CAR 3, FAR 23, single engine, reciprocating engine only
Lawrence N. Bass	1001 E. Inwood Dr. Arlington, TX 76101	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, 8, FAR 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	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except pressurization systems, wheels and brakes
Charles E. Boettcher	3813 Southland Blvd. San Angelo, TX 76901	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, electrical/electronics
Walter T. Clark	312 Main Street Lancaster, TX 75146	TX-SW	Systems & Equipment: CAR 3, 4a, 4b, 6, 7, FAR 23, 25, 27, 29, except electrical, electronics
William P. Collins	P.O. Box 1474 Greenville, TX 75401	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, except electrical, electronics
Darrell W. Davis	13318 Broadmeade Round Rock, TX 78664	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, limited to electrical/electronics of Tracor products and systems and their interfacing circuits
Joe D. Emmons	P.O. Box 32486 San Antonio, TX 78284	TX-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, electrical and electronics
Charles E. Etheridge	1806 Holly Oak Arlington, TX 76012	TX-SW	Systems & Equipment: CAR 4b, FAR 25, electrical and electronics, except power generating and main distribution system
Carl H. Fox	818 Sutton Court Irving, TX 75062	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, electrical and electronic, except electric trim and generating systems
Jack W. Gailey	Route 2, Box 384R McKinney, TX 75069	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, electrical/electronics except primary power generating system
Charles Henry Green	Route 1, Box 1108 Wetmore, TX 78165	TX-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, hydraulic systems, wheels, tires, brakes, air conditioning, pressurization, pneumatic
Jack A. Hannan	4110 Strathmore San Antonio, TX 78217	TX-SW	Systems & Equipment: CAR 3, FAR 23 only, electrical and electronic system, electrical trim
James T. Hickey	9104 Sorrento Dallas, TX 75228	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, electrical and electronics
Harold W. Holdeman	Route 3, Box 321 Mineral Wells, TX 76067	TX-SW	Systems & Equipment: CAR 3, FAR 23, limited to installation of avionics, autopilots, and instruments
Larry Don Howell	1724 Nueces Trail Arlington, TX 76012	TX-SW	Systems & Equipment: CAR 6, 7, FAR 27, 29 electrical
Wm. J. Kantenberg	Route 2, Box 35 Point, TX 75472	TX-SW	Systems & Equipment: CAR 4b, FAR 25, electrical only
David T. Kjell	200 Timberlane Tr. Euless, TX 76039	TX-SW	Systems & Equipment: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, limited to approvals of changes in data format, emergency and external lighting
James V. Mullins	12244 West Avenue, Suite 3 San Antonio, TX 78216	TX-SW	Systems & Equipment: CAR 3, 4b, FAR 23, 25, avionics/electrical (all systems connecting to flight controls are excepted)
Pat L. Russell	452 Brookview Drive Hurst, TX 76053	TX-SW	Systems & Equipment: CAR 3, 6, 7, FAR 23, 27, 29, electronics and avionics

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
H. Leland Snow	3708 Cedar Lane Wichita Falls, TX 76308	TX-SW	Systems & Equipment: CAR 3, FAR 23, agricultural dispersal systems, brakes, and airspeed systems
Thomas B. Stepp	904 Oakmont Lane Fort Worth, TX 76112	TX-SW	Systems & Equipment: CAR 6, 7, FAR 27, 29 except electrical/electronics, and hydraulics
William B. Weideman	612 Beaver Place Greenville, TX 75401	TX-SW	Systems & Equipment: CAR 4b, FAR 25, except electrical generating systems
Dudley E. White	23 Bogan Drive Conroe, TX 77302	TX-SW	Systems & Equipment: CAR 6, 7, FAR 27, 29, electrical and electronic systems only
Kenneth E. Yeoman	P.O. Box 17401 San Antonio, TX 78217	TX-SW	Systems & Equipment: CAR 3, 4a, 4b, FAR 23, 25
Welson B. Shapter	6663 McClean Drive McClean, VA 22101	VA-EA	Systems & Equipment
<u>RADIO</u>			
Everett W. Morris	25556 Old Course Way Valencia, CA 91355	CA-NM	Radio
Norman Engel	290 Christie Street Bridgefield, NJ 07660	NJ-EA	Radio: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
<u>POWERPLANT</u>			
William F. Hale	P.O. Box 90 Mobile, AL 36601	AL-SO	Powerplant: Reciprocating engines CAR 13, FAR 33
Jackson L. Hulsey	2030 Lauderdale Street Selma, AL 36701	AL-SO	Powerplant: CAR 8, 3, FAR 23
Vern M. Johnson	2843 North 76th Place Scottsdale, AZ 85272	AZ-NM	Powerplant
Donald L. Blackaller	7222 West 78th Street Los Angeles, CA 90045	CA-NM	Powerplant
W. A. Broensicke	2709 4th Street Santa Monica, CA 90405	CA-NM	Powerplant
Harold E. Dale	P.O. Box 3066 Torrance, CA 90510	CA-NM	Powerplant
Paul A. Gibson	15111 Bushard Street, No. 36 Westminster, CA 92683	CA-NM	Powerplant-Piston Engine: Engine, cowling, propeller installation; fuel, oil, induction, exhaust systems; fire and ice protection; powerplant cooling, for FAR 23 propeller aircraft
John Kenworthy	Route 2, Box 2 Plymouth, CA 95669	CA-NM	Powerplant: CAR 3, 4b, FAR 23, 25, aircraft with reciprocating or turbine engines
Nathan Scott	6455 Gaviota Avenue Van Nuys, CA 91406	CA-NM	Powerplant
Henry G. Smith	201 S. Francisca, Apt. #1 Redondo Beach, CA 90277	CA-NM	Powerplant
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	CA-NM	Powerplant: CAR 4b, 3, FAR 23, 25, aircraft with reciprocating and turbine engines
Randall D. Petersen	7249 Petrusdale Boulder, CO 80301	CO-NM	Powerplant: FAR 23, 27
Norman P. Steiner	7921 Mount Sherman Longmont, CO 80501	CO-NM	Powerplant: FAR 23, 25, 27
Ralph P. Alex	1037 Stratfield Road Bridgeport, CT 06604	CT-NE	Powerplant: Powerplant systems and installations
Angelo A. Coronato	25 Billston Road Trumbull, CT 06611	CT-NE	Powerplant: Powerplant systems and installations, drive systems
David B. Thurston	16 Jerico Drive Old Lyme, CT 06371	CT-NE	Powerplant: Except vibration

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CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	FL-SO	Powerplant: CAR 3/FAR 23, except vibration
Anthony G. Grodson	P.O. Box 414301 Miami Beach, FL 33141	FL-SO	Powerplant: FAR 23, 25, CAR 3, 4b
Quinton J. Hawthorne	325 Passage Way Osprey, FL 33559	FL-SO	Powerplant: Except vibration
David Heisler	14946 Wildflower Lane Delray Beach, FL 33446	FL-SO	Powerplant: FAR 23, 25, except vibration
Carlos Latoni	611 Greywig Road Vero Beach, FL 32960	FL-SO	Powerplant: Noise FAR Part 36, Subpart P, Para. 36.501(b), Parts B & C of Appendix P
James W. Rihard	1701 - 26th Avenue Vero Beach, FL 32960	FL-SO	Powerplant: CAR 3, FAR 23, except vibration
Donald H. Trompler	3038 Forest Brook Drive Lakeland, FL 33803	FL-SO	Powerplant: FAR 23 (except vibration)
Avner Weizer	632 Palmore Court Lakeland, FL 33803	FL-SO	Powerplant: CAR 3, FAR 23 (except vibration)
John A. Flinchum	2111 White Bluff Rd, Apt 137 Savannah, GA 31406	GA-SO	Powerplant: FAR 23
Robert S. Johnston	373 Hilderbrand Drive, NE. Atlanta, GA 30328	GA-SO	Powerplant: CAR 4b, except vibration
Paul M. Nichols	428 Whippoorwill Road Albany, GA 31705	GA-SO	Powerplant: FAR 23, except vibration, fuel systems and fire protection installations
Michael G. Rippey	120 Phyllis Drive Savannah, GA 31406	GA-SO	Powerplant: CAR 3, FAR 23
Franklin C. Price	3626 Oxford Trace Marietta, GA 30062	GA-SO	Powerplant: FAR 23/25 engines (rec) FAR 33
George W. Westphal	422 E. Macon Street Savannah, GA 31401	GA-SO	Powerplant: (Except vibration) - Reciprocating engine installation
C. E. Brent	P. O. Box 486 Pittsburg, KS 66762	KS-CE	Powerplant: Privileges/limitations (propulsion installation, piston engines only) Bulletin 7, CAR 3, 4a, FAR 23
Joseph B. Dverikotte	429 North St. Francis Wichita, KS 67202	KS-CE	Powerplant: Bulletin 7, CAR 3, 4a, 4b, FAR 23, 25
Joseph Gigante	52 Hillcrest Place Westwood, ME 02090	ME-NE	Powerplant: Powerplant systems and installations
Robert B. Dale	30030 Minglewood Lane Farmington Hills, MI 48018	MI-GL	Powerplant: Bulletin 7A, CAR 3, 4, 4b, FAR 23, 25
Albert N. Schultz, Jr.	Salem Square, Co. Club Rd. Winston-Salem, NC 27104	NC-SO	Powerplant: FAR 31 reciprocating approval only
Theron Wright	Route 6, Box 355 Statesville, NC 28677	NC-SO	Powerplant: Burner installation only
Donald J. McCaffrey	31 McCain Court Closter, NJ 07624	NJ-EA	Powerplant: Engine fire extinguishing and detection systems only, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Gilbert De Vore	125 Mineola Avenue Roslyn Heights, NY 11577	NY-EA	Powerplant: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Albert Puccinelli	36 Bay Drive East Huntington, NY 11743	NY-EA	Powerplant: CAR 3/4a, FAR 23, 25, 27, 29
Simon M. Ross	50 - 20 211th Street Bayside, NY 11364	NY-EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Jack Schmugar	2566 East First Street Brooklyn, NY 11223	NY-EA	Powerplant
Cyril Sverdlin	24 Sylvia Drive West Islip, NY 11795	NY-EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Merrill E. Bumbaugh	4410 N.W. 54th St. Oklahoma City, OK 73112	OK-SW	Powerplant: CAR 3, FAR 23
Robert L. Carder	613 Inverness Court Norman, OK 73069	OK-SW	Powerplant: CAR 3, 4b, FAR 23, 25
John J. Miller	305 Foreman Avenue Norman, OK 73069	OK-SW	Powerplant: CAR 3, 4b, FAR 23, 25

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Dewey C. Thomas	726 Hartman Drive Sorman, OK 73069	OK-SW	Powerplant: CAR 3, FAR 23
John B. Bryerton	29 Sylver Drive Lock Haven, PA 17745	PA-EA	Powerplant: CAR 3/FAR 23
E. Forest Critchlow	P. O. Box 72 Addison, PA 15411	PA-EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
George L. Petitjean, Jr.	P. O. Box 16858 Philadelphia, PA 19142	PA-EA	Powerplant: Installation only, CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Glen A. Beyer	3803 Waynoka Avenue Memphis, TN 38111	TN-SO	Powerplant: FAR 23 except vibration
Oscar Anthony Alcedo	P. O. Box 141 Burst, TX 76053	TX-SW	Powerplant: CAR 3, 4a, FAR 23, CAR 6, 7, FAR's 27, 29, excluding vibration and fatigue
William L. Anderson, Jr.	7526 Middlewood Houston, TX 77063	TX-SW	Powerplant: CAR 3, FAR 23, single engine, reciprocating engine only
Albert A. Backstrom, Jr.	Route 1, Box 199B Frisco, TX 75034	TX-SW	Powerplant: CAR 3, 4a, 4b, CAR 8, FAR 23, 25
Lawrence W. Bass	1001 North Inwood Drive Arlington, TX 76010	TX-SW	Powerplant: CAR 3, 4b, 6, 7, 8, FAR 23, 25, 27, 29, propulsion indicating systems, fuel flow systems, and ignition sources
Walter T. Clark, Jr.	312 E. Main Street Lancaster, TX 75146	TX-SW	Powerplant: Limited to heaters, APB's, and associated fuel systems
Billy H. Dickson	232 Brookview Drive Burst, TX 76053	TX-SW	Powerplant: CAR 6, 7, FAR 27, 29, vibration and fatigue only
Robert J. Graco	400 Westminster Kerrville, TX 78028	TX-SW	Powerplant: CAR 3, FAR 23
Charles H. Green	Route 1, Box 1108 Wetmore, TX 78163	TX-SW	Powerplant: CAR 3, 4b, FAR 23, 25
Kenneth J. Holloway	1517 Saxony Road Fort Worth, TX 76116	TX-SW	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Carl E. Johnson	Route 4, Box 132 Shady Shores Road Denton, TX 76201	TX-SW	Powerplant: CAR 13, FAR 33
Bruce Malcolm	P.O. Box 72 Kerrville, TX 78028	TX-SW	Powerplant: CAR 3, 4a, FAR 23, single engine reciprocating engine airplanes only
Robert D. Marwill	2430 HW Military Dr, Hwy 2309 San Antonio, TX 78231	TX-SW	Powerplant: CAR 3, 4b, FAR 23, 25
Floyd T. Melton	4021 Clayton Road Fort Worth, TX 76116	TX-SW	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29, 33
Louis D. Nelson	P.O. Box 1056 Greenville, TX 75401	TX-SW	Powerplant: CAR 4b, FAR 25
Jack M. Biley, Jr.	3600 North 29th Waco, TX 76708	TX-SW	Powerplant: CAR 3, FAR 23, piston engine airplane
H. Leland Snow	3708 Cedar Lane Wichita Falls, TX 76308	TX-SW	Powerplant: CAR 3, FAR 23, reciprocating engine airplanes and restricted category (1) turbine engine airplanes
Berman W. Waldrup	3316 Sheffield Arlington, TX 76013	TX-SW	Powerplant: CAR 6, 7, FAR 27, 29, vibration and fatigue only
Kenneth J. Yeoman	P.O. Box 27401 San Antonio, TX 78217	TX-SW	Powerplant: CAR 3, 4b, FAR 23, 25, ice protection system only
Robert J. Auburn	6507 West Langley Lane McLean, VA 22101	VA-EA	Powerplant: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 28
T. Ted Tsue	6928 South 130th St. Seattle, WA 98178	WA-WA	Powerplant: CAR 4b, FAR 23, 25, Powerplant installations not including engine performance
<u>ENGINES</u>			
John Kenworthy	Route 2, Box 2 Plymouth, CA 95669	CA-NM	Engine: CAR 13, FAR 33, reciprocating or turb

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CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	CA-NM	Engine: CAR 13, FAR 33 reciprocating
Simon M. Ross	50 - 20 211th Street Bayside, NY 11364	NY-EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Jack Schmugar	2566 East First Street Brooklyn, NY 11223	NY-EA	Engine
E. Forest Critchlow	P.O. Box 72 Addison, PA 15411	PA-EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
George A. Altgelt	Route 2, Box 89 Floresville, TX 78114	TX-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
Albert A. Backstrom, Jr.	Route 1, Box 199B Frisco, TX 75034	TX-SW	Engine: CAR 13, FAR 33
Carl R. Goulet	4421 Cleveland Drive Plano, TX 75075	TX-SW	Engine: FAR 33, reciprocating engines
Kenneth Holloway	1517 Saxony Road Fort Worth, TX 76116	TX-SW	Engine: FAR 33
Floyd T. Melton	4021 Clayton Rd. Fort Worth, TX 76116	TX-SW	Engine: FAR 33
Robert J. Auburn	6507 West Langley Lane McClean, VA 22101	VA-EA	Engine: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29

PROPELLERS

Sanford Friezner	10758 Burbank Blvd. N. Hollywood, CA 91601	CA-NM	Propellers
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	CA-NM	Propellers: CAR 14, FAR 35
Franklin C. Price	3626 Oxford Trace Marietta, GA 30062	GA-SO	Propellers: FAR 35
Simon M. Ross	50 - 20 211th St. Bayside, NY 11364	NY-EA	Propellers: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Jack Schmugar	2566 East First Street Brooklyn, NY 11223	NY-EA	Propellers
E. Forest Critchlow	P. O. Box 72 Addison, PA 15411	PA-EA	Propellers: Vibration, CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29

FLIGHT ANALYSTS

Paul H. O'Donnell	5825 Mina Vista Tucson, AZ 85718	AZ-NM	Flight Analyst
Donald L. Blackaller	7222 West 78th Street Los Angeles, CA 90045	CA-NM	Flight Analyst
Paul A. Gibson	15111 Bushard Street, No. 36 Westminster, CA 92683	CA-NM	Flight Analyst: FAR 23 propeller aircraft
W. H. Mastin	P.O. Box 17021 Bixby Station Long Beach, CA 90807	CA-NM	Flight Analyst
Fred J. Horstadt	3631 St. Elizabeth Road Glendale, CA 91206	CA-NM	Flight Analyst
Joseph J. Tymczyszyn	29318 Oceanridge Drive Rancho Palos Verdes, CA 90274	CA-NM	Flight Analyst
William R. Tymczyszyn	4017 Mesa Street Torrance, CA 90505	CA-NM	Flight Analyst
William L. Marcy	3041 So. Golden Way Denver, CO 80227	CO-NM	Flight Analyst: FAR 23

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CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Herbert W. Barnhouse	706 13th Avenue Vero Beach, FL 32960	FL-SO	Flight Analyst: CAR 3, 8, FAR 23
David W. Brant	2820 Forest Brook Drive W. Lakeland, FL 33803	FL-SO	Flight Analyst: CAR 3, FAR 23
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	FL-SO	Flight Analyst: CAR 3, FAR 23
Robert K. Kirby	1802 - 26th Avenue Vero Beach, FL 32960	FL-SO	Flight Analyst: FAR 23, 25
William J. Bennett	3231-G Post Woods Drive Atlanta, GA 30339	GA-SO	Flight Analyst
Francis E. McGowan	6 Northlake Drive Peachtree City, GA 30269	GA-SO	Flight Analyst: CAR 3, 4b, FAR 23, 25
Paul M. Nichols	428 Whippoorwill Road Albany, GA 31705	GA-SO	Flight Analyst: CAR 3, FAR 23
Theron Wright	Route 6, Box 355 Statesville, NC 28677	NC-SO	Flight Analyst: FAR 31 only
Jo Allen Brownlee	P.O. Box 60275 Beno, NV 89506	NV-NM	Flight Analyst: CAR 3, FAR 21, 23
Gilbert De Vore	125 Mineola Avenue Roslyn Heights, NY 11577	NY-EA	Flight Analyst: CAR 3/4b, FAR 23/25, CAR 6/7, FAR 27/29
Paul F. Blanchard	4213 Hunter's Hill Norman, OK 73069	OK-SW	Flight Analyst: CAR 3, FAR 23
Bill Thompson	P.O. Box 3375 San River, OR 97701	OR-NM	Flight Analyst
Charles L. Kuntz	R.D. 1, Box 276 Mill Hall, PA 17751	PA-EA	Flight Analyst: FAR 23/CAR 3 aerodynamics performance
Paul A. Carver	731 Executive San Antonio, TX 78216	TX-SW	Flight Analyst: CAR 3, FAR 23, SPAR 23
Stanley B. Grayson, Jr.	204 Fleetwood San Antonio, TX 78232	TX-SW	Flight Analyst: CAR 3, 4b, FAR 23, 25
Antonio Morelli	Route 1, Box 352A Joshua, TX 76058	TX-SW	Flight Analyst: CAR 3, 4b, FAR 23, 25, limited to data reduction and data analyst
A. L. Presnal	1319 Priar Creek Houston, TX 77055	TX-SW	Flight Analyst: CAR 3, FAR 23
Dennis A. Tuck	9604 Lea Shore Fort Worth, TX 76179	TX-SW	Flight Analyst: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 29
Robert B. Wheelock	2201 Green Hill Circle Fort Worth, TX 76112	TX-SW	Flight Analyst: CAR 6, 7, FAR 27, 29
A.J. Sobieralski	7438 S.E. 32nd Street Mercer Island, WA 98040	WA-NM	Flight Analyst: Performance
L.B. Timmons	4933 - 125th Avenue, S.E. Bellevue, WA 98006	WA-NM	Flight Analyst: Performance

FLIGHT TEST PILOTS

Paul H. O'Donnell	5825 Mina Vista Tucson, AZ 85718	AZ-NM	Flight Test Pilot
Gerald P. Dulin	3916 West 234th Street Torrance, CA 90505	CA-NM	Flight Test Pilot
Paul A. Gibson	15111 Busbard Street, No. 36 Westminster, CA 92683	CA-NM	Flight Test Pilot: FAR 23
David H. Gollings	P.O. Box 450 Mojave, CA 93501	CA-NM	Flight Test Pilot: CAR 3, FAR 23
Boyd W. Lydick	424 Roble Street Santa Maria, CA 93454	CA-NM	Flight Test Pilot
Richard S. Sliff	3769 Sebren Avenue Long Beach, CA 90801	CA-NM	Flight Test Pilot
Harry E. Terrell	16399 Pebble Beach Dr. Victorville, CA 92392	CA-NM	Flight Test Pilot
Joseph J. Tymczyszyn	29318 Oceanridge Drive Sancho Palos Verdes, CA 90274	CA-NM	Flight Test Pilot

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CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
William R. Tymczyszyn	4017 Mesa Street Torrance, CA 90505	CA-NM	Flight Test Pilot
Jack L. Zimmerman	402 Jolina Way Encinitas, CA 92024	CA-NM	Flight Test Pilot: FAR 21, 27, 29, CAR 6, 7, rotorcraft
Michael R. Gukich	1335 South Oakland Street Aurora, CO 80012	CO-NM	Flight Test Pilot: Avionics
Herbert W. Barnhouse	706 13th Avenue Vero Beach, FL 32960	FL-SO	Flight Test Pilot: CAR 3, 8, FAR 23
David W. Brant	2820 Forest Brook Dr. North Lakeland, FL 33803	FL-SO	Flight Test Pilot: CAR 3, FAR 23
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	FL-SO	Flight Test Pilot: CAR 3, FAR 23
William P. Kelly, Jr.	1416 Orangewood Circle Lakeland, FL 33803	FL-SO	Flight Test Pilot, CAR 3, FAR 23
David L. Lawrence	6115 Irby Lane East Lakeland, FL 33803	FL-SO	Flight Test Pilot: CAR 3, FAR 23
William E. Moreu	P.O. Box 996 Vero Beach, FL 32960	FL-SO	Flight Test Pilot: CAR 3, FAR 23
James S. Reid	4026 42nd Avenue South St. Petersburg, FL 33711	FL-SO	Flight Test Pilot: CAR 6/7, FAR 27/29 Helicopters
Floyd B. Stroup	133 Eldridge Road Fort Walton Beach, FL 32548	FL-SO	Flight Test Pilot: CAR 3, FAR 23
Morgan T. Cobb	Route 3, Box 351 Savannah, GA 31406	GA-SO	Flight Test Pilot: Transport category
Francis E. McGowan	6 Northlake Drive Peachtree City, GA 30269	GA-SO	Flight Test Pilot: CAR 3, 4b, FAR 23, 25
Paul M. Nichols	428 Whippoorwill Road Albany, GA 31705	GA-SO	Flight Test Pilot: CAR 3, FAR 23
Robert K. Smyth	814 East Victory Drive Savannah, GA 31402	GA-SO	Flight Test Pilot: Transport category
Leo J. Sullivan	1031 Wylie Road #23 Marietta, GA 30067	GA-SO	Flight Test Pilot
Ronald G. Puckett	14500 University Wichita, KS 67235	KS-CE	Flight Test Pilot: FAR 23, 25 and 27 Rotorcraft
Robert V. Ford	P.O. Box 10486 Salem Station Winston-Salem, NC 27108	NC-SO	Flight Test Pilot: FAR 23, 25
Theron Wright	Route 6, Box 355 Statesville, NC 28677	NC-SO	Flight Test Pilot: FAR 31 only
S.R. Speer	South 3608 Davidson Blvd. Spokane, WA 99204	WA-NM	Flight Test Pilot
William H. Lawton	P.O. Box 231 Bethany, OK 73008	OK-SW	Flight Test Pilot: CAR 3, FAR 23
R. A. Balzer	28 Stonehenge Lane Malvern, PA 19355	PA-EA	Flight Test Pilot: FAR 27, CAR 6
Morton J. Brown	3510 Hillcrest Road Harrisburg, PA 17105	PA-EA	Flight Test Pilot: CAR 3/FAR 23
A. J. Hutto	580 Russell Southeast Orangeburg, SC 29115	SC-SO	Flight Test Pilot: CAR 6, 7, FAR 27, 29
Ralph D. Kimberlin	P.O. Box 363 Tullahoma, TN 37388	TN-SO	Flight Test Pilot: FAR 23
Rufus H. Blackwell, III	408 Park Oak Drive San Antonio, TX 78217	TX-SW	Flight Test Pilot: CAR 3, 4b, FAR 23, 25
Donald L. Bloom	3911 Shady Valley Drive Arlington, TX 76001	TX-SW	Flight Test Pilot: CAR 6, 7, FAR 27, 29
Jack M. Burden	13118 Paradise Valley Houston, TX 77069	TX-SW	Flight Test Pilot: CAR 3, FAR 23, avionics and flight instrument systems
Walter P. Davis	1403 N.W. 3 Mineral Wells, TX 76067	TX-SW	Flight Test Pilot: CAR 3, FAR 23, autopilot, flight director, and electric trim only

CONSULTANT	ADDRESS	STATE/ REGION	LIMITATIONS
Stanley N. Grayson, Jr.	204 Fleetwood San Antonio, TX 78232	TX-SW	Flight Test Pilot: CAR 3, 4b, FAR 23, 25
Jake C. Hart	301 Plainview Drive Burst, TX 76053	TX-SW	Flight Test Pilot: CAR 6, 7, FAR 27, 29
James L. Irvin	2905 S. E. 11th Street Mineral Wells, TX 76067	TX-SW	Flight Test Pilot: CAR 3, FAR 23 autopilots, flight director/autopilots, yaw dampers, and electric trim systems
Terrell P. Kirk, Jr.	2971 Country Place Circle Carrollton, TX 75006	TX-SW	Flight Test Pilot: Restricted category, agricultural airplanes
Dennis A. Tuck	9604 Lea Shore Fort Worth, TX 76179	TX-SW	Flight Test Pilot: CAR 3, 4b, 6, 7, FAR 23, 25, 27, 27
Russell L. Howard	Route 4, Box 120B Martinsburg, WV 25401	WV-EA	Flight Test Pilot: CAR 3/4b, FAR 23/25

SPECIAL - ADMINISTRATIVE

W. A. Bruensicke	2709 4th Street Santa Monica, CA 90405	CA-NM	Consultant - Special: Management of FAA-assigned certification programs
Harold E. Dale	P.O. Box 3066 Torrance, CA 90510	CA-NM	Consultant - Special: Management of FAA-assigned certification programs
William A. Weaver	33 East 50 Street Savannah, GA 31405	GA-SO	Structures: Administrative
David G. Whitney	26366 Laurelwood Lane San Juan Capistrano, CA 92675	CA-NM	Consultant - Special: Management of FAA-assigned certification programs
J. Ward Evans	1712 27th Avenue Vero Beach, FL 32960	FL-SO	Consultant - Special Administrator
Donald J. Young	P.O. Box 2236 Savannah, GA 31402	GA-SO	Consultant - Special: Structures
Paul E. Everly	Box 19 Jackeyville, PA 17745	PA-EA	Consultant - Special: Administrative, CAR 3/FAR 23 programs

