



FLYERS ASSOCIATION NEWS

Number 98-2

August, 1998



Keith Bumsted's stepfather was involved with the Duke program from start to finish and was proud to have been a part of it and is in the picture.

President
Mike Greenblat
P-590

Vice President
Max Cohen
P-412

Secretary-Treasurer
Marge Gorman
P-596

Spare parts on hand for your Duke

1 - Generator	2 - Oil Coolers
1 - Starter	1 - Magneto
1 - Pilot Hydraulic Seat Control	1 - Lycoming Exhaust Pipe Part No. 77429
1 - 5 x 6.0 Nose Wheel Tire	1 - 19 x 6.75-8 Main Gear Tire
4 - Prop Brush 3E1206-2	1 - 19 x 6.75-8 Main Gear Tube
3 - T10541 Cylinder Assemblies	1 - Flap Motor
1 - Gear Motor	

The arrangement we have with Aircraft Systems, 5187 Falcon Road, Rockford, IL 61109, is they will ship an O/H generator, starter, magneto, or motor to you by UPS or Federal Express. You return to them (same day) your part. They will overhaul, charging for work done and the item becomes association emergency part. Phone number 815/399-0225.

For oil cooler contract Bill Passey, 602-969-2291 (office).

For other items contract Jim Gorman 419/755-1223 (office).

Remember overhaul of generator at 900 hours will cost you 3 times more than O/H at 500 hours.

The answer to a frustrating problem

An intermittent environmental control problem on s/n: P-596 resulted in an in depth trouble shooting process.

The squawk was:

1. When auto heat or manual heat is selected, the air conditioning condenser door would partially open.
2. The temperature control rheostat would not regulate the cabin temperature.
3. In some instances the air conditioner circuit breaker would pop.
4. In some instances an arcing noise could be heard in the headset when auto heat or manual heat is selected.

After a period of trouble shooting, a couple of problems were found. First the cabin temperature control diode terminal block contains metal-bodies diodes in very close proximity. Several of these diodes were making intermittent contact with each other causing the air conditioner door to partially open. Also causing the heat or cool relay to chatter causing the headset noise. The second problem was an open diode in the auto heat circuit eliminating any temperature control at the rheostat. This temperature control diode block on this serial number Duke is located above the pilot side control column. (Note to readers) Remember when reporting an intermittent or unusual problem, the more information you can relay to your maintenance technician the better. Terry Beisner, Stevens Aviation, Inc., Vandalia, Ohio

Brad Newman, Tiffinair, Tiffin, Ohio is expanding his operation with production of wing deicer boots. He is in need of a Duke requiring vertical and horizontal tail boots for STC approval. If you need new boots, Brad would like to speak with you. 419-447-4263

Tom Clements at Flight Review will again offer recurrent and initial training during the fly-in. A worthwhile thing to do. For arrangements, call 1-800-874-7388.

If you have not made your reservations for the fly-in October 8-9-10 at Kansas City, time is running short. Call Gerald Fischer at 816-229-3224 for reservation forms.

With this Newsletter is a list of owners airplanes sorted by N' number. Might be handy as you travel around the country and spot another Duke. Maybe some time in the future the phone industry will stop changing area codes so we can again publish them in our annual membership list.

Larry Schuler brings us up to date on the answer to his problems of last fall. (Newsletter 97-3)

Tom Clements has produced an excellent video on the 90B GPS. It goes a long way toward explaining the many modes and operation of this great piece of equipment. Available for \$30.00 post paid (+6.9% tax for AZ residents) 1-800-874-7388. They accept VISA and Mastercard.



In October I wrote and advised you of the severe electrical failure we had on our trip from Tullahoma to Williamsburg, VA. I had reported to you that it was a regulator failure on the left engine. After arriving home I took the generator and regulator from the left side and sent them to Aircraft Systems for evaluation and overhaul. After inspection, Terry Norris of Aircraft Systems called and said the generator was so good that he would not overhaul it but merely reassembled for return to me. After inspecting the regulator, he reported it was in good working condition and he recommended just putting it back in service. Knowing the problem we had, I requested he overhaul it anyway which he did and return to me. He then called me and reported a similar incident he had come across at an earlier time.

Terry sent me a note and referenced a 10 Amp Generator Control Fuse which senses current from the main buss, passes it through the overvoltage control and then passes it to the regulator. Terry advised looking for corrosion between the fuse holder and the 10 Amp fuse. This was found to be the cause of my problem. This circuit senses the controlled voltage of each system, right and left, and passes it through the overvoltage control which will cut out the overvoltage relay at approximately 33 volts. Not sensing an overvoltage condition the sensed voltage then passes to the generator regulator. If it is less than the set 28.25 voltage, it will allow the regulator to increase the input to the field winding which increases the generator voltage output. Resistance across the 10 amp fuseholder causes a voltage drop signaling the regulator to increase the field current. As the voltage then increases, the resistance grows further and more and more current is signalled to the generator field. Due to the increasing resistance, the regulator is not sensing any increase in voltage to cut back regulation nor is the overvoltage control sensing any abnormal voltage so the condition

worsens. Meanwhile, having a system paralleling controller, the right system assists the left system until it senses its own overvoltage condition and cuts the right system from the line. Now the left system, being alone on its own goes to a much higher field current in order to pick up the total load until the amperage through the fuse exceeds the rating of the fuse and cuts that system from the line.

This is the sequence that happened to my aircraft on this flight and it all happens so swiftly that I thought both systems cut out at the same time. Terry estimated the system exceeded 40 volts which caused the massive equipment failure we experienced including the burning out of all running navigation lights and all rotating beacon light bulbs as well as completely burning out all electrical equipment including nav coms, loran, adf, radar, autopilot, yaw damper, heated windshield, cabin heater, flap control indicator circuit board. Massive failure!

I have since researched the maintenance manual, 50 and 100 hour and annual checks and could find no reference anywhere to ever recommend checking these fuseholders and fuses. If the system works, they are not checked. As corrosion builds, it is a slow process and as resistance grows, so does heat. This heat can take temper away from the springy tension in the fuseholder causing more resistance. On the Duke 60 and A-60, these fuseholders are located in the right and left engine nacelles aft of the firewall accessible through the trapezoidal shaped access panel. From now on, my annual inspection will include removing these fuses and checking fuseholders for corrosion and proper tension and periodically replacing with new fuses. This letter is quite lengthy, but may alert others to prevent a similar problem.

I took my aircraft to Laurence Aircraft Electronics at Akron Canton airport for all avionics repairs. Dale Howesly, the Avionics Manager, did most of the repairs himself and even though it took in excess of 60 days to get everything back in operation, I would strongly recommend them for installation and repairs. I have been using Laurence since 1970 and have always had satisfactory performance from Larry Stabler and his work force. Since those repairs, I have flown over 50 hours and as of yet, have no discrepancies with any of my equipment.

DUKE FLYERS ASSOCIATION

<u>N-Number</u>	<u>Serial Number</u>	<u>Name</u>	<u>City</u>	<u>State</u>
33TK	P-550	CAPTAIN PETER EDWARDS		HONG KONG
C-FILJ	P-363	DON DOUGLAS	CALGARY ALBERTA	CANADA
C-FJPP	P-261	JEAN-PIERRE PAQUETTE	L'ORIGNAL ONT.	CANADA
CFLJF	P-531	LARRY GRAND	SAULT STE MARIE	MI
C-GEUJ	P-498	W.J. WEHRLE	MANITOBA	CANADA
C-GLSM	P-394	CLIFF CARR	THORNBURY, ONT	CANADA
C-GUYD	P-399	ALLAN CRAWFORD	N. VANCOUVER	BC CANADA
D-ICKY	P-342	EBERARD A. BURGHALTER	FREIBURG	GERMANY
N100RE	P-570	ROBERT I. ESTILL	YORK	PA
N101AX	P-427	BILL NEDELL	BOULDER	CO
N102SB	P-375	JAMES S. TATE MD	LAS VEGAS	NV
N105PP	P-105	HAYWARD R. DAISY	NEW CASTLE	DE
N1064W	P-226	RONALD T. HILL	NORTHGLENN	CO
N111PS	P-67	DUANE MOORER	MIDDLETOWN	KY
N111WA	P-439	PAUL D. LOYD	PAMPA	TX
N1153S	P-161	RALPH MARTIN	RANCHO PALOS VERDES	CA
N1155T	P-47	SALLY AND GARY SEABERT	FERNANDINA BEACH	FL
N1155T	P-47	ROBERT STEPHENS	DOYLESTOWN	PA
N11VC	P-408	WARREN DEAN	COLORADO SPRINGS	CO
N120SP	P-538	SHAOL L. POZEZ	TUCSON	AZ
N121TP	P-201	STEVEN PALAZZOLA	SCOTTSDALE	AZ
N1234A	P-535	SHELDON HOLSON	NORWALK	CT
N1234L	P-333	BRUCE KUIPER	MAITLAND	FL
N12PP	P-334	HAROLD PATTON	DENVER	CO
N139	P-321	MARK MADURA	ANCHORAGE	AK
N14TB	P-529	TOM BALLANTYNE	INCLINE VILLAGE	NV
N157JT	P-589	FRANK P. MORGAN	BOLINGBROOK	IL
N15AK	P-254	ALFRED KONGER	HURRICANE	UT
N15FM	P-522	CHUCK GUSCHEWSKY	LANDER	WY
N15SY	P-46	JEFFREY J. LASKOWSKI	LIZTON	IN
N171EC	P-288	DAVID WILSON	KETCHUM	ID
N17642	P-416	MARK RUDIG	MAVSTON	WI
N176TF	P-310	GERALD FISCHER	BLUE SPRINGS	MO
N177PR	P-41	YAN VINCZE	CHICO	CA
N17800	P-415	STEVE GABRIELSON	FRESNO	CA
N1785W	P-218	FRED MITCHELL	TULSA	OK
N178RH	P-213	BARRY W. DAVID	ENGLEWOOD	CO
N1799S	P-428	J.D. WOODS	KATY	TX
N17TK	P-480	JOHN TUCKER	LANDER	WY
N17TT	P-440	JOHN P. BRANDEL	ORLANDO	FL
N1828E	P-577	JAMES R. RUSSELL MD	LAUREL	MS
N1828L	P-385	ZILL COLEMAN	NORTH LITTLE ROCK	AR
N18292	P-433	KEITH G. FLINT	CHATHAM	NY
N1836W	P-217	TRACE LEDBETTER	FT. WORTH	TX
N18400	P-412	RALPH S. COHEN	MARIETTA	GA
N18400	P-412	MAX J. COHEN	DUNWOODY	GA
N1873W	P-231	GLENN OHLMANN	LOUISVILLE	KY
N1883L	P-383	RICHARD G. McELLIGOT	LAFAYETTE	LA
N188BH	P-526	JAMES L. BRANTON	SAN ANTONIO	TX
N188BH	P-526	JAMES A. HALL	SAN ANTONIO	TX
N199SE	P-230	SID EIBL	PALM BEACH	FL
N19RN	P-415	RALPH NORTON M.D.	HOUSTON	TX

<u>N-Number</u>	<u>Serial Number</u>	<u>Name</u>	<u>City</u>	<u>State</u>
N1KM	P-133	GLEN WARD	GRASS VALLEY	CA
N1SM	P-595	STAN McNABB	TULLAHOMA	TN
N2000J	P-354	MICHAEL E. DAVIS	INDIANAPOLIS	IN
N2025P	P-476	GAIL R. RUNNELS	TULSA	OK
N20CG	P-495	BRUCE HAMON	AURORA	CO
N215CQ	P-458	STEVE FABER	RONKONKOMA	NY
N217RB	P-487	ROGER BELIZAIRE	MIDLAND	TX
N21FH	P-356	MARK B. SARKOWSKY	ENCINO	CA
N222GM	P-514	GREG MEADOWS	CAMPBELL	CA
N22AJ	P-441	RICHARD S. JONES III	CROSSETT	AR
N22BK	P-312	JOE ADAY	LAS CRUCES	NM
N22FS	P-583	FRANK M. SINGER	HUNTINGTON, BEACH	CA
N22K	P-51	GEORGE FRIEDRICH	SEARCY	AR
N242MF	P-465	MARC FRANKLIN	HIGHLAND BEACH	FL
N243RC	P-273	CARL BIERDEMAN	WICHITA	KS
N243RC	P-273	BENGT STENBOCK	ROCKLIN	CA
N249D	P-451	DAVID B. TRANT M.D.	BAYTOWN	TZ
N25E	P-358	JAMES D. ELLENBERGER DDS	RIVERSIDE	CA
N25LC	P-340	BOB DESROCHE	EVERETT	WA
N25LC	P-340	BILL LOVELL	MERCER ISLAND	WA
N265D	P-548	ALFRED H. UHALT, JR.	COLORADO SPRINGS	CO
N270AJ	P-270	GREG ALLEN	NEWTON FALLS	OH
N270AJ	P-270	TOM JAMES	NEWTON FALLS	OH
N2889W	P-249	DONALD C. THOMPSON	CAMERON PARK	CA
N2DF	P-584	ROBERT F. MANN	OSHKOSH	WI
N2GP	P-56	GEORGE H. PORTER	RAMONA	CA
N2ITR	P-42	THOMAS A. ALEXANDER	GOLDEN	CO
N3055W	P-251	DENNIS C. SIMMONS	BURNSVILLE	MN
N306QC	P-190	ANDREW LANDDECK	BENTONVILLE	AR
N30K	P-255	E.J. SIMICICH	COCOA	FL
N30LM	P-202	RONALD F. BRUNNER	WEST CONSHOHCKEN	PA
N30MC	P-272	RODNEY B. PHARIS	LOS GATOS	CA
N311N	P-131	VERN GRIFFIN	SCOTTSDALE	AZ
N31PS	P-149	HARRY S. DENNIS	BROOKFIELD	WI
N335D	P-129	JAY AMBROSINI	DECATUR	IL
N3369D	P-544	JAMES K. FADELY	SARATOGA	CA
N337DF	P-503	KEN CALLANDER	SCOTTS VALLEY	CA
N33HH	P-247	WILLIAM H. BARRETT	MC LEAN	VA
N33LB	P-74	DAVID SCHLOSSER	PHOENIX	AZ
N341D	P-397	RICHARD C. MEYERS	VIRGINIA BEACH	VA
N3455V	P-467	JEFFREY M. DRAZAN	MENLO PARK	CA
N3456A	P-443	JAMES RHUDE	HIBBING	MN
N345YW	P-85	E.M. MYERS, JR.	LOVINGTON	NM
N345YW	P-85	WILLIAM J. NELSON	EL PASO	TX
N3664C	P-541	JOHN R. CHEADLE, JR.	NASHVILLE	TN
N3675D	P-546	LARRY O'CONNOR	MARENGO	IL
N3694D	P-552	RICHARD AMEN	DEL MAR	CA
N36RR	P-498	GENE CURTIS	SALT LAKE CITY	UT
N370CM	P-370	CHRIS WIGHT	FT. COLLINS	CO
N3808Y	P-562	JEREMY BAUER	SUMTER	SC
N3820B	P-564	RUSSELL WESTPHAL	LA MESA	CA
N3876C	P-513	RICK COULTER	LA CRESCENTA	CA
N3876C	P-513	JACK D. GRAY	PARADISE VALLEY	AZ
N3984	P-147	DUANE BAER	CONIFER	CO

<u>N-Number</u>	<u>Serial Number</u>	<u>Name</u>	<u>City</u>	<u>State</u>
N39AG	P-425	GREGG JELLINEK	SAN JOSE	CA
N3LC	P-389	SHAKER RAZOOK	SAN DIEGO	CA
N402JS	P-175	ROBERT H. HAMPTON	HOUSTON	TX
N4071S	P-324	AL DI TOMMASO	LACKAWANNA	NY
N410G	P-596	JIM AND MARGE GORMAN	MANSFIELD	OH
N410G	P-596	JEFF GORMAN	MANSFIELD	OH
N4128D	P-58	RONALD ROBERTSON	PARKER	CO
N414BS	P-425	ARTHUR K. LUND	SAN FRANCISCO	CA
N420CR	P-420	LAWRENCE B. MOSKOFF	CHESTERFIELD	MO
N420JD	P-521	BILL DEVORE	CASPER	WY
N4219S	P-404	DAVID E. LILLY	ALLENTOWN	PA
N4219S	P-404	BOB STAN	DAYTON	OH
N42AA	P-494	ANDREW HELLER	AUSTIN	TX
N4329W	P-263	JOHN TYE	PLAINVIEW	TX
N440W	P-64	JOE FARRELL	DUNKIRK	NY
N4445W	P-245	JOSEPH W. GIBSON 111	POMPANO BEACH	FL
N44GE	P-560	JOSEPH P. EGER	ACAMPO	CA
N44W	P-29	WALTER WEATHERS	TYLER	TX
N4535S	P-384	DR. STEPHEN A. LATOUR	WILMETTE	IL
N4535S	P-384	DAVID A. STOLLER	LONG GROVE	IL
N4563M	P-463	ROBERT M. POWER	OXNARD	CA
N4567M	P-467	STEVEN W. CASSINELLI	CARMICHAEL	CA
N457DA	P-166	GERRY LEVERENTZ	BOULDER	CO
N4646A	P-464	DALLAS L. SMITH, JR.	MIDLAND	TX
N4779M	P-536	WALTER B. EEDS	CHERRY HILLS VILLAGE	CO
N47US	P-543	WILLIAM F. BLACK	LA JOLLA	CA
N47US	P-543	CHARLES R. BLACK	KIRKLAND	WA
N49AM	P-406	WERNER W. SCHARMACH	TACOMA	WA
N5073M	P-473	RAYMOND H. FRANKENBERG	WASHINGTON	MO
N523AA	P-31	JAMES H. CLEVELAND	LA VERNIA	TX
N523EF	P-523	EUGENE FUSSELL MD	OXNARD	CA
N52HF	P-530	HOWARD L. FELDMAN	KETCHUM	ID
N541HR	P-587	DAVID CHASE	WATERTOWN	MN
N543HP	P-593	LEROY MILNE	OGDEN	UT
N54DB	P-127	RICHARD J. BACON	GOLDEN	CO
N552V	P-431	H.N. VONDRAK,M.D.	HASTINGS	NE
N55CF	P-98	JAMES W. FOREMAN	KANSAS CITY	MO
N55CF	P-98	DAN SPRINGER	SAULT STE. MARIE	MI
N55WF	P-168	LYLE CLAPPER	DES PLAINES	IL
N57RG	P-444	W. JACK HURLA	JACKSON	MI
N586HP	P-586	TED DOLL	PASADENA	CA
N600CP	P-590	MICHAEL A. GREENBLATT	COLUMBUS	GA
N6013S	P-368	BRIAN CURPIER	COOPERSTOWN	NY
N6033C	P-491	JOHN E. RICE	BURNSVILLE	MN
N6048C	P-348	KEN DISTLER	SAGINAW	MI
N6051S	P-372	MAURICE MILLER M.D.	GLEN CARBON	IL
N6060P	P-556	ART DANCHUK	SANTA ANA	CA
N6060Y	P-568	T. SCOTT STANWYCK	NASHOTAL	WI
N60AB	P-432	KERRY JOHNSON	ST. GEORGE	UT
N60CL	P-201	BRAYE C. BOARDMAN	AUGUSTA	GA
N60NZ	P-339	BARRY ALLEN SCHWARTZ	CINCINNATI	OH
N6338X	P-592	CHRIS DOWHIE	CORONA	NY
N6437C	P-594	JOHN R. DEWANE	PHOENIX	AZ
N6437C	P-594	BILL PASSEY	MESA	AZ

<u>N-Number</u>	<u>Serial Number</u>	<u>Name</u>	<u>City</u>	<u>State</u>
N6641Z	P-509	ROBERT L.	WHEAT RIDGE	CO
N666JW	P-234	LAWRENCE E. SCHULER	YOUNGSTOWN	OH
N6693A	P-527	TOM CLARK	ASPEN	CO
N66HP	P-469	HOWARD PARDUE	BRECKENRIDGE	TX
N66NW	P-364	WILLIAM NAGEL	CINCINNATI	OH
N6734F	P-505	ROBERT MC CONKEY	SPOKANE	WA
N6734F	P-505	BUD WALLING	SIOUX FALLS	SD
N6738Z	P-532	BOB TRINKLE	CHERRY HILL	NJ
N6749S	P-519	EDWARD M. MALONE	KNOXVILLE	TN
N69DE	P-241	KENNETH SWENSON	BATON ROUGE	LA
N69F	P-351	GILBERT DAVIDSON	ATLANTA	GA
N7057D	P-22	WILLIAM I. GRIGG	ROGERS	AR
N7071D	P-115	HUNTER M. BENNETT JR.	WESTON	WV
N711AA	P-417	HAL WILLIAMS	LINCOLN	NE
N711CE	P-437	MARTIN EIGEN	NEW YORK CITY	NY
N713Y	P-16	FENNON F. MOORE	PLEASANTON	TX
N718TE	P-361	TOM H. ERTEL	CHARLOTTE	NC
N71WW	P-567	WILLIAM W. WYMAN	QUECHEE	VT
N7292D	P-88	STEVE MICHAEL	LEBANON	OH
N7320D	P-95	FRED MACKERODT	MONTVALE	NJ
N7342R	P-290	ALAN GAUDENTI	RANCHO PALOS VER.	CA
N7430D	P-134	MICHAEL P. SCHOCH	PUNTA GORDA	FL
N7464	P-138	DALE MASON	JOHNSON CITY	TN
N7510D	P-101	WILLIAM S. RABB	BOULDER	CO
N7591D	P-171	FRED F. CASTLE, JR	SHREWSBURY	MA
N75MJ	P-73	GREGORY WILDE	HAYESVILLE,	NC
N75RL	P-390	GEORGE A. HAAS JR.	MELROSE	FL
N7608D	P-188	QUENTIN ENCE	ST. GEORGE	UT
N7667D	P-170	KENNETH W. TUTTLE	BATON ROUGE	LA
N766JW	P-421	JACK WEBSTER III	SPRINGFIELD	MO
N776	P-111	RICK RAESZ	FT. WORTH	TX
N777SG	P-538	RAYMOND W. RANDOLPH	LAGO VISTA	TX
N77BM	P-345	BOB L. MULLIS	SUMMERFIELD	FL
N77DS	P-524	DANE T. SCAG	ELM GROVE	WI
N77EF	P-379	PHIL BAMBERGER	ST. LOUIS	MO
N783P	P-252	EDOUARD KOHLER		FRANCE
N7860X	P-446	JIMMY COURLSON	CARSBAD	NM
N788AC	P-512	DOUG BRADSHAW	RANCHO SANTA FE	CA
N78DB	P-401	GLEN H. KOOI	ENGLEWOOD	CO
N78MM	P-359	DARREL F. STUCKI	ST. GEORGE	UTAH
N7BB	P-402	MARVIN H. SCHWARTZ	CINCINNATI	OH
N7PX	P-448	ROBERT K. SIGMAN	CLAYTON	MO
N7U	P-483	JOHN A. CESNIK MD	WINNEMUCCA	NV
N810JA	P-591	JACK ANTHONY	TULLAHOMA	TN
N820MH	P-60	MARK A HURT	MILLEDGEVILLE	GA
N822D	P-8	ROBERT GIEBELER	SAN JOSE	CA
N82EC	P-376	RALPH PERRELLA	MARIETTA	GA
N8585R	P-282	STEVE KENNEDY	CANYON LAKE	TX
N8777R	P-291	RONALD MANTER	MARINE CITY	MI
N88PA	P-501	PETER HEMMERICH	DENVER	PA
N9104Y	P-382	RON COMEAULT	ONTARIO	CANADA
N928PT	P-174	PETER FARNER	KALAMAZOO	MI
N92AW	P-292	RICHARD J. ANGEL	BETHEL ISLAND	CA
N947GB	P-365	GARY BONGARD	EDEN PRAIRIE	MN

<u>N-Number</u>	<u>Serial Number</u>	<u>Name</u>	<u>City</u>	<u>State</u>
N95TR	P-569	SANDY SCHUPPER	MONUMENT	CO
N966RT	P-540	BYRON HENRY	VANCOUVER	WA
N98JM	P-349	FRED C. VOLLMAN	BUNKIE	LA
N98KA	P-212	L. D. PERRY	ST. JOSEPH	MO
N9990E	P-447	LAWRENCE NICHOLSON	SANTA ROSA	CA
N999AB	P-457	B. KENT GARLINGHOUSE	TOPEKA	KS
N999AB	P-457	FORD ROSS	TOPEKA	KS
N999AE	P-479	DAN LUNIC	CHICAGO	IL
N999PK	P-289	MIKE BRANCH	DOTHAN	AL
N999WM	P-472	DAVID V. FRANCIS	MISSION HILLS	KS
N9JL	P-352	EARLE L. OLSON	MEDINA	OH
SE-KKK	P-330	ULF CONTMAN	STOCKHOLM	SWEDEN
SE-KKY	P-94	TOMMY MALM	JONKOPING	SWEDEN
TC BARON		PETER A. GREIG	SHADY SHORES	TX
TG-NET	P-450	ROBERTO SOLIS MONSANTO	GUATEMALA CITY	GUATEMALA
TG-RSM	P-418	RICARDO SOL-MEZA	MIAMI	FL
VH-BKN	P-395	ROBERT WOOLF	SYDNEY	AUSTRALIA
VH-EZR	P-199	MATTHEW SHEIL	SYDNEY NSW	AUSTRALIA
VH-RJU	P-281	DAVID K. KRASSOFF	QUEENSLAND	AUSTRALIA
VH-SGG	P-466	PHILLIP CLEMENTS	NEDLAMPS	AUSTRALIA

OUT OF SEQUENCE

N5CB	P-362	KEN BRYSON	BAYFIELD	CO
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