

Aircraft Record General Information

Manufacturer BRECHER Model ROTORWAY EXEC 162F

Serial 6615 Registration Number N 43691

Date of Manufacture 26 OCTOBER 2001 (KIT); 30 NOVEMBER 2006 (CONSTRUCTION)

Engine(s) currently installed:

Manufacturer ROTORWAY Model RI 162F Serial 6441

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer ROTORWAY Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial 3307 Serial 3308 Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____



781560 274193

Registered Owner Record

BRECHER, Henry H. Trustee Address [REDACTED]

CELEBRUS State OH From 6 March 2006 to 2009

Address [REDACTED] To 7 March 2009

State [REDACTED] From [REDACTED] To [REDACTED]

Address [REDACTED] To [REDACTED]

State [REDACTED] From [REDACTED] To [REDACTED]

Address [REDACTED] To [REDACTED]

State [REDACTED] From [REDACTED] To [REDACTED]

Address [REDACTED] To [REDACTED]

State [REDACTED] From [REDACTED] To [REDACTED]

Address [REDACTED] To [REDACTED]

State [REDACTED] From [REDACTED] To [REDACTED]

Notes

YEAR: 2006	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8 Nov	0.9	0.5	0.5	Throttle levers for main rotor dehydrated following
12 Dec	1.0	0.0	0.5	I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D to 14 CFR Part 43 and has been found to be in a condition for safe operation. Long H. Beaudin REPAIRMAN RATE 0114
2007 24 APR	2.4	1.4	1.9	Hooking after engine checks, two sessions of work
17 MAY	3.9	1.5	3.4	Hooking, hover taking, turns, turns around a point, two missions ^{turning}
18 MAY	4.4	0.5	3.9	Hooking, hover taking, turns, low altitude flight up to 40 yds.
27 MAY	4.6	0.2	4.1	Hooking, tail strike in left pedal turn, tail rotor damaged
2008 26 OCT	5.5	0.0	4.1	I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D to 14 CFR Part 43 and has been found to be in a condition

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				I find this aircraft meets the requirements of a special airworthiness certificate for the purpose of operating as an amateur built aircraft, and have issued a special airworthiness certificate and operating limitations dated 12/18/2006. The next condition inspection is due 12/31/2007.
				Stanley P. Faske Principal Maintenance Inspector
				for safe operation. REPAIRMAN RATE 0114 Repairman Experimental Aircraft Builder
				Radio inoperative.
				Attempts to start engine unsuccessful

YEAR: 2008	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
31 Oct	6.6	0.3	4.4	Needs additional wire or connector (pin 3) for radio power. Sparking traced to erroneous ground straps connection at battery and relocated. Run engine and hover.
2010				
30 MAY	7.0	0.0	4.4	Certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D to 14CFR Part 43 and has been found to be in a condition for safe operation. <i>Handwritten signature</i>
16 JUN	7.0	0.0	4.4	New battery installed (activated 8 Jan 2010)
23 JUN	7.2	0.2	4.4	Engine starting check OK. Avionics in op.
14 AUG	7.4	0.0	4.4	No flight, tanks inoperative
29 AUG	7.6	0.0	4.4	" " " " " " Fuel line replaced, no change

YEAR: 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
29 SEP	8.9	1.4	5.8	Hovering and hover taxiing
16 Oct	9.0	0.0	5.8	Engine run, no flight
2011				
25 Jan	9.2	0.0	5.8	Engine run, no flight. Vibration, water pump in op.
27 Jan	9.5	0.1	5.9	
2012				
14 Jan	11.0	0.1	5.9	Engine run to check tach, no flight
16 Jan	12.8	~0.3	5.9	Dual tach no rotor RPM, wire off pin, reconnected and OK.
20 Jan	13.4	~0.3	6.2	Fuel gauge "squirrely". Recoring tank incorrect? Hover "test".
27 Jan	13.6	~0.2	6.4	Hover taxi test by Hoover Bell for distortion bearings. OK.
5 July 2012	13.6	—	6.4	Certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D to 14CFR Part 43 and has been found to be in a condition for safe operation. <i>Handwritten signature</i>

YEAR:	RECORDING TAG	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
I certify that the Transponder check has been performed and meets the requirements of Part 43 Appendix F				
Model <u>K176A</u>				
S/N <u>118694</u>				
Date <u>5-3-12</u>				
Signed <u>[Signature]</u>				
Mac-Michael Avionics Inc.				
CRS # <u>[Redacted]</u>				
I certify that the Encoding system check has been performed And meets the requirements of Part 43 Appendix E (c).				
Model <u>AK350</u> S/N <u>43523</u>				
Date <u>5-3-12</u>				
Signed <u>[Signature]</u>				
Mac-Michael Avionics Inc.				
CRS # <u>[Redacted]</u>				
MMA-009 Form				

YEAR:	RECORDING TAG	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2012				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
5 Jul	14.2	0.65	7.0	Hover taxi at DLT by Todd Grouser.
9 Jul	15.2	0.8	7.8	Flight by Todd Grouser. Tanks full at start.
17 Jul	16.9	1.7	9.5	
24 Jul	17.4	0.5	10.0	
27 Jul	18.1	0.7	10.7	Real, hovering and one traffic pattern circuit. Tail strike, minimal damage to tail rotor and vertical stabilizer.
13 Aug	18.5	0.1	10.8	Replaced tail rotor blades and tail rotor drive belts. Balanced tail rotor. Repaired vertical stabilizer. Changed engine oil and oil filters. Adjusted, freed up, throttle twist grip motion.
				Repaired Ego A/C Ender [Redacted]

YEAR: 2012	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 AUG	19.2	0.7	11.5	Hover taxi by Todd Cravener
17 AUG	19.6	0.4	11.9	Hover taxi
19 AUG	20.2	0.6	12.5	Hover taxi, local flight, 100 ft AGL
22 AUG	21.0	0.8	13.3	Flight by Todd Cravener
28 AUG	21.3	0.3	13.6	Hover taxi, traffic pattern
4 SEP	22.0	0.7	14.3	Hover taxi
9 SEP	22.7	.7	15	Flt around Del Res Todd
10 SEP	23.3	.6	15.6	Hover practice Todd
18 SEP	23.7	.5	16.1	Hover Practice
4 OCT	24.3	.6	16.7	-11- -11- Todd
24 OCT	24.7	.4	17.1	-11- -11- Todd
7 Nov	25.4	0.7	17.8	-11- -11- HENRY

YEAR: 2012	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
27 Nov	26.3	0.9	18.7	Hovering
18 JAN	27.5	0.2	19.9	Circle north of Delaware, local at 1000 ft a.g.l.
20 JAN	27.8	0.3	20.2	Hovering
5 FEB	28.4	0.6	20.8	Hover taxi
15 FEB	29.7	1.3	22.1	Delaware local
3-1-13	30.5	.7	22.8	" " Todd
3-7-13	31.4	.9	23.7	" " "
3/22	32.9	1.5	25.2	Local Flight Todd
19 APR	34.4	1.5	26.7	- " - " - Todd
23 APR	34.7	0.3	27.0	Hover for engine warmup. Changed oil & filter
2 MAY	34.7	✓	27.0	25-hr service completed Henry
20 MAY	35.0	0.3	27.3	Delaware local Todd

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
27 MAY	36.1	1.1	28.4	Hover taxi Henry
11 JUN	37.2	1.1	29.5	Delaware local
4/31	39.2	2.0	31.5	Hover Practice Todd
5 JUL	39.7	0.5	32.0	Todd and Don Tager
11 JUL	40.9	1.2	33.2	Delaware local, Todd and Henry
17 July	42.0	1.1	34.3	Todd LCL
24 July	43.5	1.5	35.8	Todd LCL
26 JUL	45.1	1.6	37.4	Delaware local, Todd and Henry
29 JUL	46.3	1.2	38.6	- 11 -
5 Aug	47.0	.7	39.3	Todd
9 Aug	48.3	1.3	40.6	Todd & Henry
16 Aug	49.0	0.7	41.3	- 11 - hover taxi

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I certify that the prescribed flight test hours have been completed and the aircraft N43691 is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during the flight testing at the weight and CG locations indicated. Speeds: Vso N/A (helicopter), Vx 30 mph, Vy 60 mph Weight: 1,244 lbs CG locations: longitudinal 97.29 in, lateral +0.74 in.
				
				Henry H. Brecher 9 August 2013
				Commercial pilot certificate 
				Repairman experimental aircraft builder certificate 

