

# UNAPPROVED PARTS NOTIFICATION



SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20  
45005 AVIATION DRIVE, SUITE 214  
DULLES, VA 20166-7541

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

*UPNs are posted on the Internet at <http://www.faa.gov/avr/sups/upn.cfm>*

No. 2002-00073  
July 1, 2002

Published by: FAA, AIR-140, P.O. Box 26460, Oklahoma City, OK 73125

## AFFECTED ENGINES

Honeywell/AVCO Lycoming LF507 series and ALF502 series turbine engines.

## PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, maintenance organizations, manufacturers, and parts distributors regarding scrap parts reported stolen from a repair facility.

## BACKGROUND

Honeywell UK Limited, located at 65 President Way, Luton, Beds, United Kingdom LU2 9NB, reported to the Federal Aviation Administration (FAA) that on January 18, 2002, numerous scrap parts were stolen from the Honeywell repair facility. The following parts had been determined to be scrap and were awaiting mutilation at the time of the reported theft. Honeywell has indicated that the possibility exists that the parts may be offered for sale on the open market.

## STOLEN SCRAP PARTS

Description	Part No.	Engine Model Applicability	Serial No.	Engine Serial No. /LFO-
Fan Disk	2-043-002-11	507 & 502	6472	5122
Fan Disk	2-043-002-11	507 & 502	6519	5153
Fan Disk	2-043-002-11	507 & 502	M402537	5618
Supercharger Disk	2-043-004-07	502 Only	201	5043
Supercharger Disk	2-043-004-07	502 Only	335015	4025
Disk-4 <sup>th</sup> Stage	2-100-042-10	507 & 502	SC53213	5332
Disk-5 <sup>th</sup> Stage	2-100-043-10	507 & 502	SC53150	5332
Disk-6 <sup>th</sup> Stage	2-100-044-08	507 & 502	SC53255	5332
Disk-7 <sup>th</sup> Stage	2-100-045-09	507 & 502	SC53157	5332
Spacer	2-100-047-13	507 & 502	673	7234
Spacer	2-100-047-13	507 & 502	269	5332
Spacer	2-100-048-14	507 & 502	1077	7234
Spacer	2-100-048-14	507 & 502	1078	7234
Spacer	2-100-048-14	507 & 502	1292	7234
Spacer	2-100-048-14	507 & 502	637	5332
Spacer	2-100-048-14	507 & 502	635	5332
Spacer	2-100-048-14	507 & 502	612	5332
Spacer	2-100-052-28	507 & 502	3411	7234
Spacer	2-100-052-28	507 & 502	322	5332
Impellor	2-100-180-22	507 & 502	458339	5153
Impellor	2-100-180-22	507 & 502	M369203	5236
Impellor	2-100-180-22	507 & 502	419378	5767
Impellor	2-100-180-22	507 & 502	CRU189	5815
Comp Shaft	2-101-238-04	507 & 502	911	5303

Comp Shaft	2-101-238-04	507 & 502	81	5618
Comp Shaft	2-101-238-04	507 & 502	193	5814
Comp Shaft	2-101-238-04	507 & 502	1309	5815
Disk-3 <sup>rd</sup> Stage	2-101-263-07	507 & 502	SC53270	5332
Disk-1 <sup>st</sup> Stage	2-101-331-04	507 & 502	M421573	5983
Disk-1 <sup>st</sup> Stage	2-101-331-09	507 & 502	SC11800	7234
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	531	5122
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	M364557	5153
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	A173	5303
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	A231	5332
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	M349020	5541
Disk-2 <sup>nd</sup> Stage	2-101-332-01	507 & 502	M6545594	5618
Spacer	2-103-024-07	507 & 502	2751	7234
Spacer	2-103-024-07	507 & 502	273	5332
T1 Disk	2-121-051R35	507 & 502	M333128	5815
T1 Disk	2-121-051R55	507 & 502	M333365	5332
T2 Disk	2-121-058-29	507 & 502	961365101934	5815
T2 Disk	2-121-058-29	507 & 502	M457369	7465
T2 Disk	2-121-058-29	507 & 502	M435874	5303
T2 Disk	2-121-058-29	507 & 502	98136310331	7234
T2 Disk	2-121-058-38	507 & 502	991356100166	7435
Turbine Spacer	2-121-071-36	507 & 502	MSN410296	5815
Turbine Spacer	2-121-071-36	507 & 502	MSN417701	5983
Turbine Spacer	2-121-071-42	507 & 502	MSN458978N	7435
Turbine Spacer	2-121-071-52	507 & 502	M404930	5332
Turbine Spacer	2-121-075-28	507 & 502	MSN436384	5815
Turbine Seal Plate	2-121-075-28	507 & 502	MSN430123	7234
4 <sup>th</sup> Rotor Disk	2-141-057- R60	507 & 502	C137	5303
3 <sup>rd</sup> Rotor Assy	2-143-030-22	507 & 502	C321	5332

### RECOMMENDATION

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, maintenance organizations, manufacturers, and parts distributors should prevent the installation of these engine parts on type-certificated products.

### FURTHER INFORMATION

Further information concerning this notification and guidance regarding the above-referenced parts may be obtained from the FAA Flight Standards International Field Office referenced below. The FAA would appreciate any information concerning the discovery of these parts from any source, the means used to identify the source, and the actions taken to remove the parts from aircraft and/or stock.

This notice originated from the FAA Flight Standards International Field Office, Gatwick, England, telephone 011-44-1293-573933, fax 011-44-1293-573992; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 661-0580, fax (703) 661-0113.