

# Bell Helicopter **TEXTRON**

**Bell Helicopter Textron Inc.**  
A Subsidiary of Textron Inc.

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## **OPERATIONS SAFETY NOTICE**

OSN-47-82-4

**TO:** OWNERS/OPERATORS OF ALL MODEL 47, H13, OH-13,  
TH-13 AND ALL BELL MODEL HELICOPTERS USING  
ENGINE COOLING FAN DRIVE GEAR SETS, P/N  
47-620-497-1

**SUBJECT:** AIRWORTHINESS OF FAN DRIVE GEAR SETS, P/N  
47-620-497-1.

IN 1977, DURING OUR INVESTIGATION OF BOGUS PARTS IN ENGLAND,  
314 ENGINE COOLING FAN DRIVE GEAR SETS, P/N 47-620-497-1  
CONSISTING OF TWO (2) GEARS, P/N 47-620-530-1 AND 47-620-207-1  
WERE REJECTED AS UNAIRWORTHY. THESE PARTS WERE IDENTIFIED BY  
SERIAL NUMBERS IN THE B12-16000 SERIES ON THE P/N 47-620-530-1  
GEAR.

WESTLAND HELICOPTERS, YOVEL, ENGLAND, HAS ADVISED US OF TWO  
RECENT ACCIDENTS ATTRIBUTED TO FAILURE OF PARTS FROM THIS LOT  
AND OF THEIR EFFORT TO LOCATE THE REMAINING PARTS. WE HAVE  
LEARNED THAT SOME OF THESE PARTS HAVE FOUND THEIR WAY INTO  
THE UNITED STATES.

IN THE INTEREST OF FLIGHT SAFETY, USE OF THESE SERIAL NUMBERED  
PARTS SHOULD BE PROHIBITED. BELL HELICOPTER TEXTRON HAS  
SUBMITTED AN URGENT RECOMMENDATION TO THE FEDERAL AVIATION

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ADMINISTRATION REQUESTING AN AIRWORTHINESS DIRECTIVE BE ISSUED REQUIRING REMOVAL FROM SERVICE AND PROHIBITING THE USE OF ANY GEAR SETS HAVING A B12-16000 SERIES SERIAL NUMBER ON THE P/N 47-620-530-1 GEAR.

OWNERS/OPERATORS OF MODEL 47 HELICOPTERS ARE ADVISED TO ASSURE THE AIRWORTHINESS OF PARTS USED ON THEIR EQUIPMENT.

IN ADDITION TO CONCERN ABOUT THE ABOVE FAN DRIVE GEAR SETS, MODEL 47 OPERATORS SHOULD BE AWARE THAT OTHER "BOGUS" PARTS ARE BEING DISCOVERED.