

## UNAPPROVED PARTS NOTIFICATION

NO. 96-124  
September 23, 1996

### AFFECTED AIRCRAFT

All Bell Helicopter Model 47 series, 204B, 205A, 205A-1, 205B, all 206 series, 212, 214B, 214B-1, 214ST, 222, 222B, 222U, 230, 412 and 412EP. This notification is also effective for Bell Helicopter Textron, Inc., manufactured military helicopters converted to Restricted category models: AH-1G, HH-1K, TH-1F, TH-1L, UH-1A, UH-1B, UH-1B/HP, UH-1E, UH-1F, UH-1H, UH-1L, and UH-1P.

### PURPOSE

The purpose of this notification is to advise all owners, operators, maintenance entities, and manufacturers that certain parts for the above listed models have been produced and sold without FAA Production Approval. This investigation is continuing.

### BACKGROUND

An overseas operator reported receiving a shipment of Bell Helicopter parts with questionable backgrounds from Pacific Air Logistics of Canyon Country, California. The report states many parts were received in non-standard packaging. Some part numbers were handwritten or typed on packaging or tags attached to the parts. The presence of Contractor and Government Entity (CAGE) codes, National Stock Numbers, and military packaging indicated some of the parts were manufactured and intended for use on military helicopters.

Records indicate Pacific Air Logistics, as early as 1987, received approximately 21,000 Bell parts from Chromalloy Precision Products, of Hurst, Texas. Until just recently, Pacific Air Logistics has subsequently been reselling the parts. Records at this time indicate 1,733 parts have been sold. Notations such as incomplete, needs rework, bad splines, turned only, forgings, etc., appeared next to some of the parts on Chromalloy Precision Products documents. The destination of the parts could not be definitively determined.

Pacific Air Logistics records certify that some of the parts were covered by FAA export airworthiness approval procedures and Part 21 of the Federal Aviation Regulations and were tested, inspected, and found to be airworthy. Neither Pacific Air Logistics nor Chromalloy Precision Products of Hurst, TX, have held FAA Production Approval. Chromalloy Precision Products of Hurst, TX, is no longer in business.

The following part numbers and quantities were identified as having been shipped by Chromalloy Precision Products to Pacific Air Logistics and on to customers:

Part Number	Qty	Part Number	Qty	Part Number	Qty
204-011-120-005	2	206-010-152-001	10		
206-011-152-101		27			
204-011-142-003	1	205-040-304-001	6		
47-120-141-001		24			
204-011-166-001	21	206-010-353-003	2		
47-130-116-001		12			
204-011-166-003	4	206-010-747-001	1		
47-150-018-001		2			
204-011-721-001	2	212-001-708-001	3		
47-150-119-001		8			
204-011-734-001	4	214-040-477-001	3		
47-150-256-001		22			
204-012-113-003	39	222-010-138-001	27		
47-620-041-002		2			
204-040-307-001	13	47-110-021-001	8		
47-641-078-001		5			
204-040-308-001	2	47-110-021-003	63		
47-641-093-005		10			
204-040-357-005	1	47-110-021-005	8		
47-641-181-001		3			
204-076-266-003	12	47-120-128-001	14		
47-645-081-001		25			
204-011-123-001	6	205-032-730-003	1		
214-040-164-001		1			
204-011-303-007	2	205-050-116-001	4		
214-040-238-001		1			
204-032-851-001	10	205-050-116-003	2		
214-040-417-001		2			
204-040-234-001	1	205-076-166-001	3		
214-040-681-001		1			
204-040-257-001	1	205-076-177-001	1		
214-040-780-001		6			
204-040-389-001	15	206-010-003-007	10		
47-120-023-001		19			
204-060-795-005	5	206-040-078-003	3		
47-631-384-001		10			
205-030-105-002	10	209-060-738-001	14		
47-641-039-001		25			
205-030-803-001	4	212-040-153-001	5		
47-645-094-005		13			
205-030-803-003	6	212-040-470-001	2		
47-645-266-001		2			
205-030-803-005	2	212-060-715-001	3		
47-721-022-001		3			
205-031-151-002	13	212-076-114-003	52		
47-721-041-003		3			
205-032-708-001	18	214-010-171-001	8		
47-729-072-001		2			
100-061-11	3	205-072-233-001	1	212-	
060-115-001	12				
100-064-05	3	206-001-335-001	8	212-	
060-208-001	2				
204-001-705-009	6	206-001-336-005	4		
212-060-602-005		8			
204-010-413-041	19	206-001-399-003	4		

212-060-633-001	19		
204-011-139-001	4	206-001-529-001	8
212-061-203-001	14		
204-011-443-003	52	206-001-531-001	4
212-061-205-001	9		
204-012-013-001	50	206-001-720-001	3
212-061-205-002	10		
204-012-027-019	3	206-010-170-001	6
212-061-629-001	13		
204-030-227-001	8	206-010-757-001	10
212-070-451-001	3		
204-030-487-001	1	206-011-118-003	1
212-075-437-001	18		
204-030-861-001	11	206-040-254-001	4
212-076-127-001	4		
204-030-986-011	3	206-062-651-001	1
214-066-055-001	4		
204-031-264-001	1	206-062-651-003	1
222-031-624-103	1		
204-040-227-001	28	206-062-705-001	12
222-031-644-127	2		
204-040-506-001	6	206-063-703-001	1
47-631-255-001	3		
204-040-607-001	4	206-072-908-001	3
47-631-269-001	45		
204-050-167-001	16	206-076-409-001	1
47-641-053-001	7		
204-060-494-001	6	206-076-419-001	1
47-641-076-001	80		
204-060-658-001	30	209-062-028-001	15
47-641-147-001	46		
204-070-028-001	4	209-062-534-001	1
47-645-076-001	17		
204-070-710-001	1	212-001-108-001	2
47-650-054-001	4		
204-072-904-001	5	212-001-114-001	33
47-671-040-001	10		
204-076-288-001	2	212-001-114-003	23
47-671-044-001	25		
205-032-719-001	12	212-001-146-001	5
47-679-005-001	13		
205-060-661-001	29	212-001-905-003	16
47-682-209-003	21		
205-060-830-001	4	212-030-024-001	2
47-691-113-001	4		
205-070-103-001	1	212-060-003-001	3

#### RECOMMENDATION

Owners, operators, maintenance entities, and manufacturers should verify the FAA approval status of parts purchased from Pacific Air Logistics. Type Certificated products are required to conform to their Type Design. Owners, operators, maintenance entities, and manufacturers should inspect their affected helicopter(s) and/or stock for the referenced part numbers. Parts which cannot be traced to an approved source should be considered suspect and appropriate action taken.

FURTHER INFORMATION

The FAA Manufacturing Inspection Office (MIO), listed below, would appreciate any information that you could provide concerning the discovery of these parts from any source, the means used to notify the source, and the actions taken to remove them from aircraft and/or stock.

This notice originated from the Fort Worth Manufacturing Inspection Office (MIO), 2601 Meacham Boulevard, Fort Worth, TX 76137-4298, telephone (817) 222-5182, fax (817) 222-5995, and was published through the Suspected Unapproved Parts Program Office, AVR-20, at (703) 661-0111, fax (703) 661-0113.