

K-35-01



AEROSPACE STANDARD

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TWO PENNSYLVANIA PLAZA, NEW YORK, N.Y. 10001

AS 1105

Issued 1-15-71

Revised

SERVICE TIME CODING OF PROPULSION ENGINE ITEMS

1. **PURPOSE AND SCOPE:** To establish a standard for service time code markings on items in propulsion engines where such marking may be required for determining accumulated service time and remaining life expectancy.
2. **GENERAL REQUIREMENTS**
 - 2.1 Item as used herein refers to an individual part or to an assembly of parts which is identified by a single identification number.
 - 2.2 Time, or service time, as used herein refers to operating time, not installed time.
3. **DETAIL REQUIREMENTS**
 - 3.1 A service time code shall be applied to items removed from service for overhaul or other reasons.
 - 3.2 Only those items which are removed will be time coded at a given engine teardown. An item shall not be removed from an engine solely for the purpose of marking the service time code.
 - 3.3 The following code shall be applied to supplement but not replace any life history maintained more precisely by other means.

- R Item installed at repair
 U Undeterminable service time
 N New item installed at overhaul
 Y Used item replaced at overhaul
- C Cycles (instead of hours) of service
 M Minutes (instead of hours) of service

Number of hours, cycles, or minutes are represented either by the letter A or a Code number. To find the number of hours or cycles multiply the code number by 100 and add a tolerance of -49 to +50 hours or cycles. To find the number of minutes, multiply the code number by 3 and add a tolerance of ± 1 minute. For purposes of totalling service time, Code A is considered to mean 25 hours or cycles.

MARKING	HOURS	MARKING	CYCLES	MARKING	MINUTES
A	1-50	CA	1-50	MA	0-1
1	51-150	C1	51-150	M1	2-4
2	151-250	C2	151-250	M2	5-7
3	251-350	C3	251-350	M3	8-10
4	351-450	C4	351-450	M4	11-13
5	451-550	C5	451-550	M5	14-16
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
99	9851-9950	C99	9851-9950	M99	296-298

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