

# COLONIAL COATINGS

## GENERAL ELECTRIC AIRCRAFT ENGINES GEAE EVALUATION



**PROCESS CODE**

AJ

DF

**SPECIFICATION**

F50TF50 CL-A, CL-B M;HTH, PCC,  
DBC H;MA  
P28TF6 CL-B COATING GROUP (d)

**DESCRIPTION**

THERMAL SPRAY  
EVALUATION  
THERMAL SPRAY COATING

**AJ APPROVALS**

**SPECIFICATION**

F50TF50  
F50TF18  
F50TF25

**FAMILY**

NO. 5  
NO. 7  
NO. 2

**DESCRIPTION**

PLASMA TBC  
DIMENSIONAL BUILD UP  
CR CARBIDE/NI CHROME

*ALL COATINGS WITHIN GEAE FAMILIES 1, 2, 5, & 7 ARE AVAILABLE. LEADTIME IS REQUIRED FOR PROCESS APPROVAL(S).*

**METCUT EVALUATION APPROVALS**

**FAMILY**

NO. 1

NO. 2

NO. 5

NO. 7

**DESCRIPTION**

TUNGSTEN CARBIDE

T800 COBALT ALLOY  
T400  
CR CARBIDE/NI CR

ZIRC. OXIDE YTTRIUM OXIDE

NI CR AL  
NI AL  
IN718  
NI CR AL Y

**APPLICABLE POWDERS**

B50TF27CLA B50TF30CLA  
B50TF167CLA

B50TF28CLA  
B50TF137CLA&B  
B50TF155CLA B50TF190CLA

A50TF87CLA&B  
A50TF204CLA,B,C&D  
B50TF192CLA A50TF278

B50TF33CLA ,B50TF56,  
B50TF119CLA, B50TF166CLA  
B50TF192CLA, B50TF202CLB