DATA ITEM DESCRIPTION				Form Approved OMB No. 0704-0189
. TITLE			2. IDENTIFICATION NUMBER	
Users Manual for Gas Turbine Engine Steady Sta Performance Digital Computer Program		te and Transient	4	DI-IPSC-81490
DESCRIPTION/PURPOSI	E			
	provides a detailed descrip program (herein referred to		s and use of the eng	ine steady state
APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)		6. DTIC APPLICABLE	66. GIDEP APPLICABLE
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esulting from the work and SAE Recommende	scription (DID) contains the task described by the Soci ed Practice 755. ble to acquisition of gas tur	ety of Automotive Engin	eers (SAE) Aerospa	ce Standard 681
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER F7158
0. PREPARATION INSTRU	UCTIONS			
	nents. The applicable issue able amendments, notices			
0.2 Format. Contract	tor format is acceptable.			
	ors manual shall contain the nanual shall contain the follo		SAE Aerospace St	andard 681.
f all subroutines in the programming variable a	on of the performance calco model including explanatio and array element, detailed odel, and the rationale for a	ons of their purpose, an i explanations of the deri	dentification of the f vations of all empiric	unction of each
). An identification of a	any limits on the values of i	nput parameters.		
 Accurate graphic con lozzles simulated in the 	mponent performance map e model.	s of the fans, compresso	ors, turbines, and ex	haust
	on of the major engine cont e control schedules represe		of the loops, the cor	trol limits,
1. DISTRIBUTION STATE	MENT			·····

DD Form 1664, JUN 86

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Previous editions are obsolete

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