CH'KD. DATE 2-24-82 RHR-80-022

TITLE ROLLS ROYCE RB211-535 NACELLE

ROHR INDUSTRIES, INC.

																		7			$ \Rightarrow $
		<u> </u>				% = 2.7		42600	71130	0 7E07		41820	40560	42210	ER INCH 2	υ L	NTED	[5	BEEN SE	\$0 	60
ี ส 7		·		- 51	250°F	%= 2.0		41380	39940	52540		14310	21520	31160	3-FORCE P	カカイ シャル			HAVE B		
SECTION				2, CLASS		%=1.5		40680	36180	48150		20340	18410	19180	PSI) POUNT	YELD BY	FACTORS A		"A-BASIS " AND		
				I, Type		1/2=2.7		75210	01767	75100		45440	46620	55080	STRESS AS TABULATED ARE (PSI) POUNDS FORCE PER INCH	MUST BE ACCOMPANIED BY THE	AND BATCH FA		"A.B.		!
	R F			GROUP !	72°F	%=4.0		50260	26.080	04149		31280	35030	41080	6 TABULA	AUST BE	IL AND B		STATISTICALLY	E.6 -	
	STRUCTURE			RMS 060		%= 1.5		41780	45820	50040		24820	28090	38560	STRESS A	ABLES !	FXVIRONMENTAL	PAGG .		REFERENCE E.6	
	SUPPORT		۶.	PER		%= 2.7		71720	44650	77100		50810	62020	61920	OF ALLOWABLE	THE ABOVE ALLOWABLES		FOLLOWING P	LATED ARE	FROM REFE	
	QNY	FE 5		KY FABRIC	ዓ .	%= 1.0	<u> </u>	48260	52860	47850	· · · · · · · · · · · · · · · · · · ·	42190	41560	57840		THE ABO	APPROPRIATE		AS TABULATED		
211-535	Doo	OWABL		ITE - EPOXY		% 1.5		46460	46730	52300		41540	39790	49340	THE VALUES	USE OF	THE	ON THE	VALUES	EXTRACTED	
RoLLS Royce RB211-53	FAN COWY	MATERIAL ALL		GRAPHITE	TEMPERATURE	CHARACTERISTIC	FBEARING (ULT)	L. DIRECTION	T- DIRECTION	B- DIRECTION	FBEARING (YIELD)	L- DIRECTION	T-DIRECTION	B-DIRECTION	Notes: 1)				3)		
FORM NO.	1360-							Į.	20 A	(Crus)	NC				1						

CH'KD. DEL DATE 2-24-82

RHR-80-022 Rev

HUNK

TITLE ROLLS ROYCE
RB211-535 NACELLE

ROHR INDUSTRIES, INC.

&	ROLLS ROYCE RB211-535	11-535			ý	SECTION 2.3	
	FAN COWE	JL DOORS AND	SUPPORT	STRUCTURE			
	MATERIAL ALL	ALLOWABLES					
	GRAPHITE	- EPOXY	FABRIC PER	RMS 060	GROUP 1, T	TYPE 2, CLASS	5 1
	TEMPERATURE	۲9 -	т	72	T	250	<u>u</u> .
۲.	CHARACTERISTIC	F oct	Maburus	Fort	Mobulus	Fuct	Mobulus
	FTENSION		4	1	70		-
	L'UIRECTION	٥	11.41×10 PS1		11.46 × 10 * P.51	154 070bb	
	1 DIRECTION	88750 Psi	11.15 × 10 751	95250 PSI	9.47×10 PSI	97870 PSI	10,58 × 10 ° P51
	FLOMPRESSION						
	L - DIRECTION	95710 PSI	10.03×10 Psi	79080 PSI	10.53 × 10 FS1	23610 PSI	9,93 × 10 PSI
	T. DIRECTION	112040 PSI	10.73×10' PSI	101480 PSI	10.53×10 PS1	54810 PSI	9.78×10 PSI
	FSHEAR					-	
	L- DiRECTION	12830 PS1	2.31×10 PS1	19860 751	1.30×10 PS1	8450 PSI	1.73×10 PS
	T- DIRECTION	17480 PS1	1.93 × 10 FS.1	12320 PS1	1.45×10 PS1	9480 PS1	1.57×10° PS1
Ϋ́	FINTERCAMINAR				-		
	L- DIRECTION	8290 PSI		bash Psi		6680 PSI	
	T-DIRECTION	120 PSI		4770 PS1	-	5430 PS1	
	Notes: 1)		AS TABULATED ARE	STATISTICALLY	" 4-BASIS"	AND ARE FROM	REFERENCE E.L
	તિ	USE OF THESE	E VALUES MUBY	1 <u>1</u> 1 60	ACCOMPANIED BY U	USAGE OF THE	
;		APPROPRIATE	ENVIRONMENTAL	AR	BATCH FACTORS		