

DSC 429 E

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REPORT ALL DRAWING ERRORS TO
ENGINEERING

REVISIONS

CHANGE	ITEM NO.	ZONE	DESCRIPTION	WA OPS	MOD. NO.	DATE	DRAWN	CHECKED	STRESS	APPROV.
A	B4		LOAD-SPEED-TIME CURVE REQUIREMENT NOTE MODIFIED.			17/1/84	W/HEB	W/HEB	W/HEB	W/HEB
	A1		NOW SHT. 1 OF 2							
B	B3		DUNLOP DR12330T P/N ADDED		RIR	28/01/89	W/HEB	W/HEB	W/HEB	W/HEB
	D4		STEADY BRAKING LOAD PER FAR 25.733 WAS RATED LOAD PER FAR 25.733		3200 3P003		W/HEB	W/HEB	W/HEB	W/HEB
C	B3		GOODYEAR TIRE P/N 222K68-1 ADDED AS APPROVED SOURCE			26/10/88	W/HEB	W/HEB	W/HEB	W/HEB
D	B3		ADDED GOODYEAR TIRE P/N 222K68-2 AS APPROVED SOURCE			31/12/16	W/HEB	W/HEB	W/HEB	W/HEB
E			ADDED NOTE THIS DWG SUPERSEDED BY EPS 8/10-14			31/12/16	W/HEB	W/HEB	W/HEB	W/HEB

TABLE OF REQUIREMENTS

STATIC LOAD (MAXIMUM)	2250 lb
STEADY BRAKING LOAD PER FAR 25.733	4150 lb (MIN)
DEFLECTION AT STATIC LOAD	35 % MAX
PLY RATING	AS REQ'D
INFLATION PRESSURE	60 psi *
SKID DEPTH	.20 MIN
TREAD PATTERN	RIBBED
AIR CONTAINMENT	TUBELESS
SPEED RATING	190 MPH
ACCEPTABLE UNBALANCE	MINIMUM CONSISTENT WITH PLY RATING
STATIC TIRE RADIUS	AS REQ'D
FLAT TIRE RADIUS	6.80 IN (REF)
WEIGHT	14.0 lb MAX
STANDARD OF APPROVAL	TSO-C62C
RETREADABILITY	FREE FROM ABNORMAL RESTRICTIONS.

SEE SHEET 2 FOR LOAD-SPEED-TIME CURVE REQUIREMENT.

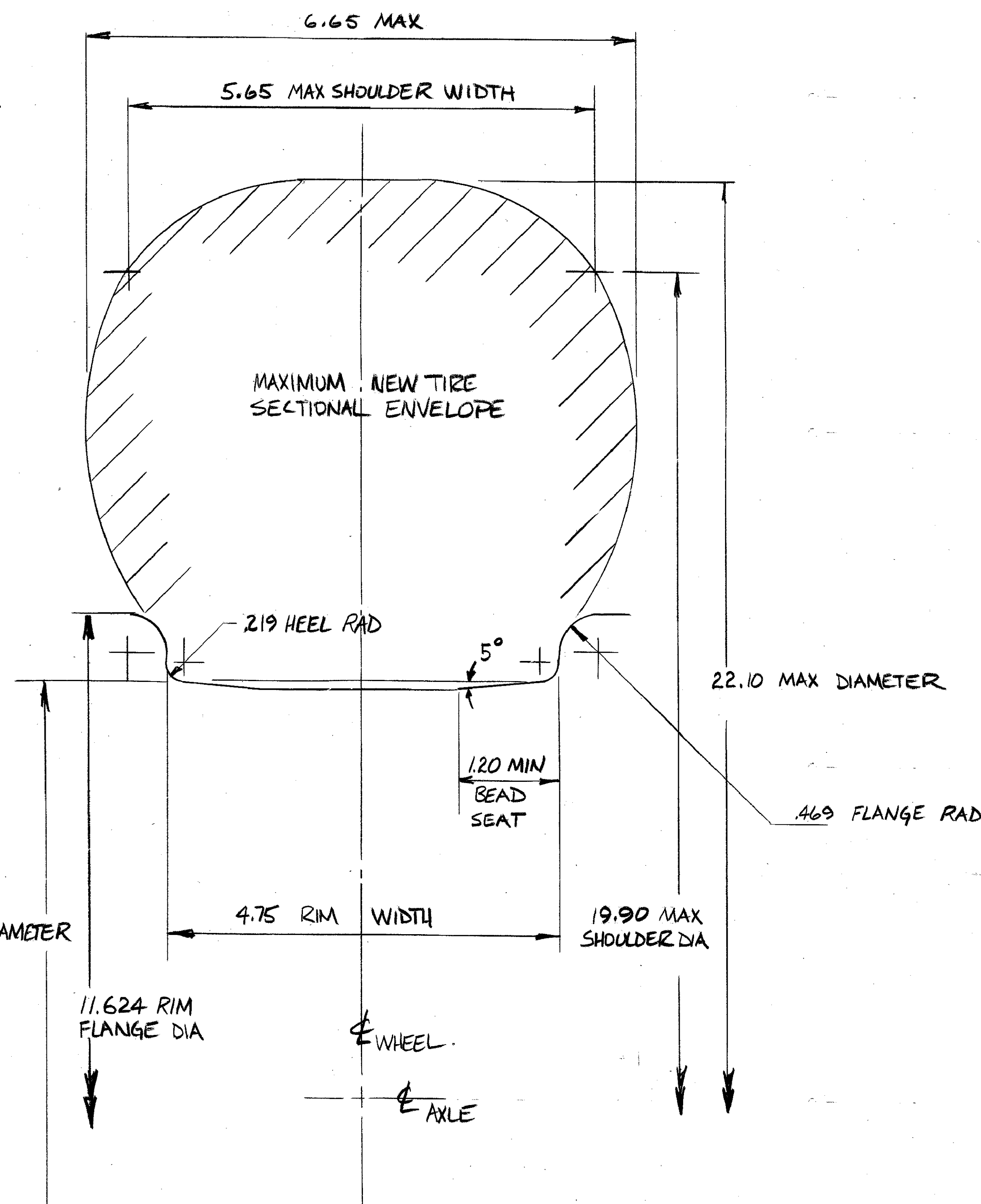
* INFLATION PRESSURE DICTATED BY AIRFRAME ENERGY ABSORPTION REQUIREMENTS.

THIS DWG SUPERSEDED BY EPS 8/10-14.

THE FOLLOWING VENDORS' PRODUCTS ARE APPROVED FOR PROCUREMENT TO THIS DSC SUBJECT TO THE APPROVAL DOC. NOTED

APPROVED SOURCE OF SUPPLY

DWG NO	SUPPLIER	MFG P/N	CODE IDENT	NOTES
DSC429	DUNLOP	DR12330T		
DSC429	GOODYEAR	222K68-1		
DSC429	GOODYEAR	222K68-2		TSO-C62d



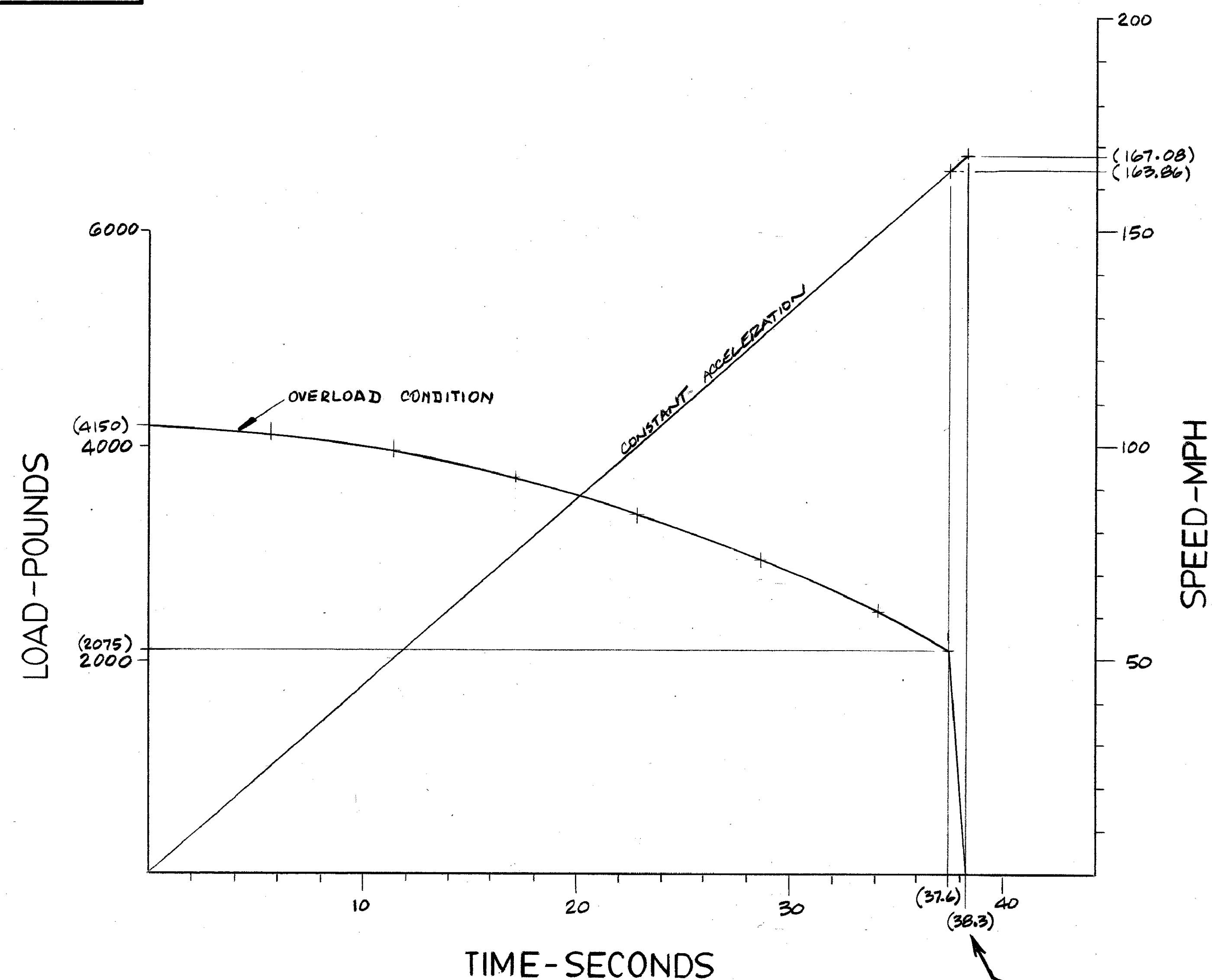
DO NOT SCALE DWG

NEXT ASSY	USED ON	NO. REQD PER A/C	EFFY.
PART NO.			

QUANTITY	REQ. PER	ZONE	SHEET	CODE	PART NO.	DESCRIPTION	MATERIAL	MATL. SPEC.	FINAL HEAT TREAT	PROT. FINISH
LIST OF MATERIAL										
REQUIREMENTS - UNLESS OTHERWISE SPECIFIED						MOD. NO.	Boeing of Canada Ltd. de Havilland Division			
GENERAL						DRAWN	DRAWING TITLE			
LIMITS						CHECKED	NOSE WHEEL TIRE DUC-8			
1. DIMS ARE IN INCHES						APPROVED	22.0X 6.50-10			
2. SURFACE ROUGHNESS 125 V MAX.						STRESS	190 MPH			
3. REMOVE SHARP EDGES						M & S				
4. MACHINE PARTS						ENG. RELEASE				
5. EDGE FINISHING OF PARTS IN ACCORDANCE WITH P.P.S. 27-02						TECH. DES.				
6. THREADS IN ACCORDANCE WITH MIL-S-7742						VA. OPS.				
PRODUCTION PROCESS STANDARDS (P.P.S.) AND OTHER STANDARDS LISTED ON DWG. IN ADDITION TO THOSE STANDARDS CALLED UP IN THE FIELD OF THIS DRAWING SHALL FORM PART OF THIS DRAWING FOR ALL MANUFACTURING AND QUALITY REQUIREMENTS.						DWG. SIZE	CODE IDENT. NO.	DRAWING NO.	RELEASE	REV.
						D	71867	DSC429	P	E
						SCALE	FULL	WGT. CALC. (4.0 MAX)	ACTUAL	SHT. 1 OF 2

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REVISIONS										
CHANGE	ITEM NO.	ZONE	DESCRIPTION	VA OPS	MOD. NO.	DATE	DRAWN	CHECKED	STRESS	APPROVED
A		C6	CONSTANT ACCL'N WAS LINEAR ACCELERATION		RIR 3200	20/03/89	IESCU	IAINUS	IB	IAINUS
B		C6	OVERLOAD CONDITION NOTE ADDED THE LOAD-TIME CURVE		33008	24/10/89	IESCU	IAINUS	IB	IAINUS
C		B3	ADDED NOTE "THIS ... EPS 8/10-14"	W FELDER 055000		21/12/16	IKEND	INDAU	IB	INDAU



- RD = 4690 FEET

LOAD-SPEED-TIME CURVE TAKE-OFF CYCLE

THIS DWG SUPERSEDED BY EPS 8/10-14.

[illegible]