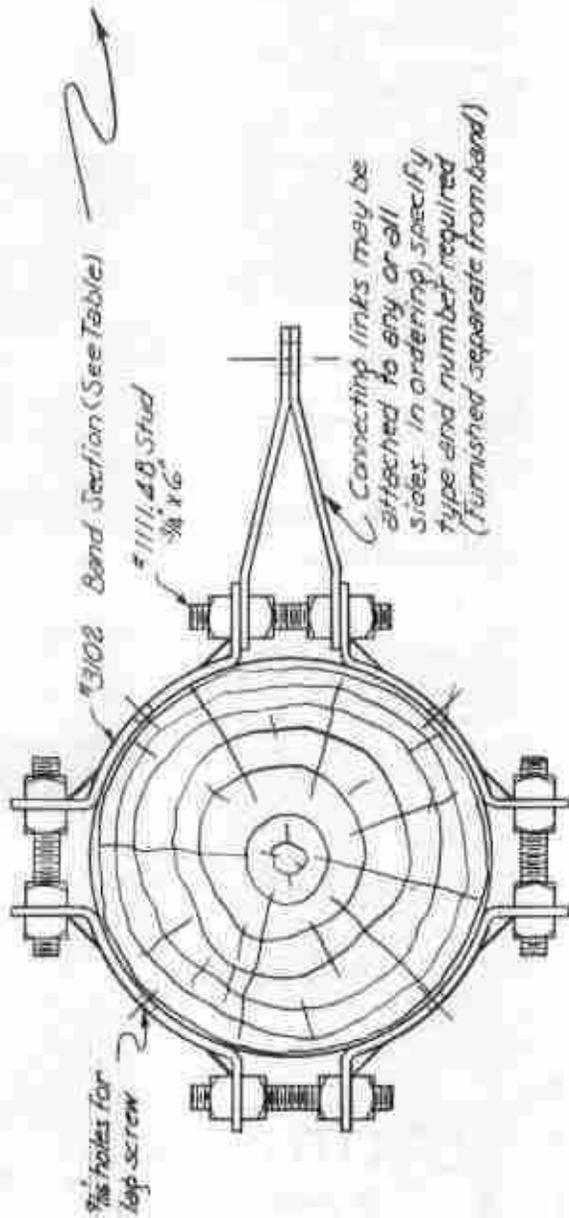


# **NO. 3102 POLE BAND TEST REPORT**

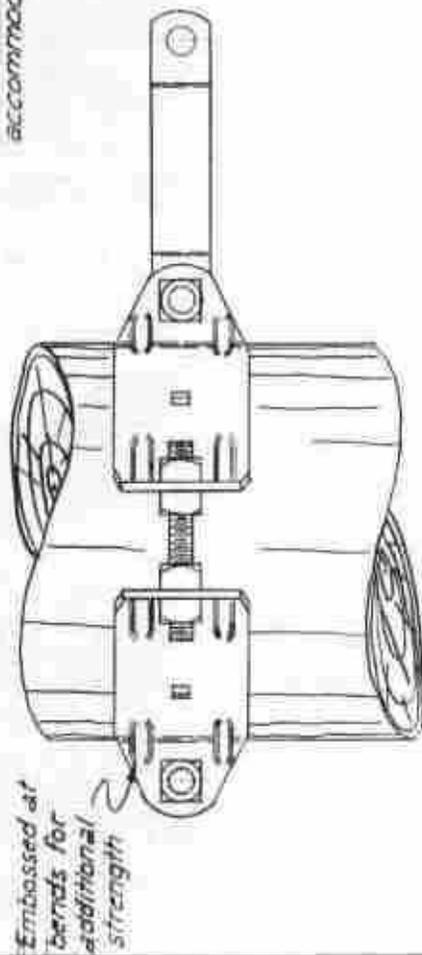


Stock No.	Pole Diameters	Band Section Part No.
3102.1	10 to 14"	3102.1A
3102.4	13 to 17"	3102.4A
3102.6	16 to 20"	3102.6A



Connecting links may be attached to any or all sides. In ordering, specify type and number required (Furnished separate from band)

Note: #3102 Pole Band is identical to #1111 except that it will accommodate larger poles.



HUGHES NO 3102 POLE BAND

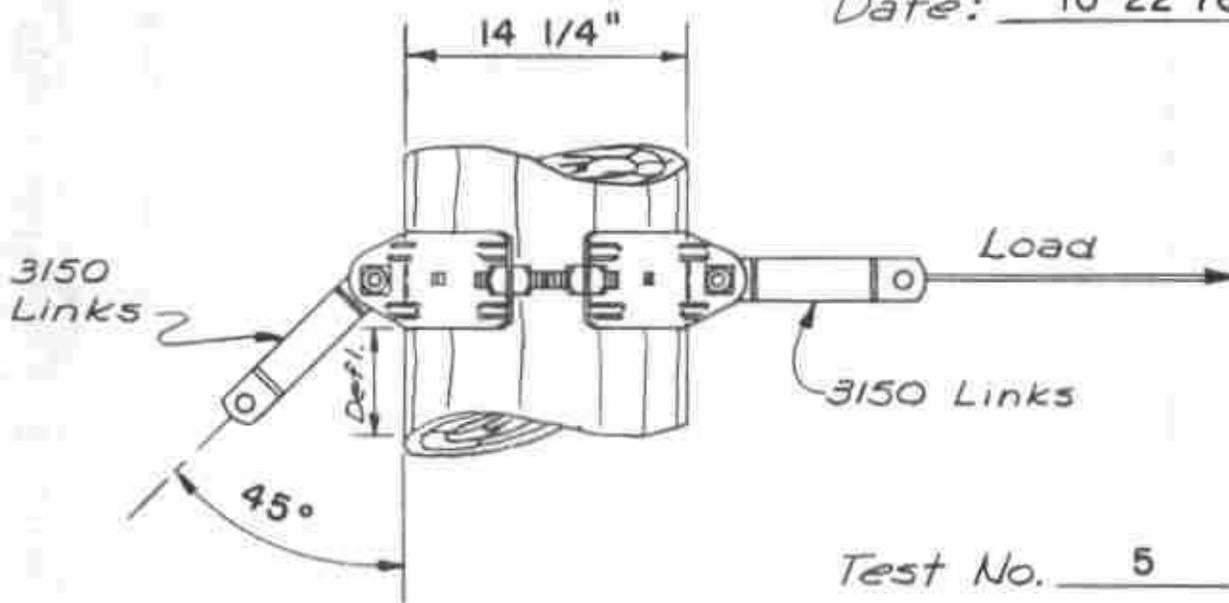
HUGHES  
SEWARD



BROTHERS  
NEBRASKA  
INCORPORATED

DRG. NO. 3102

Date: 10-22-76



Test No. 5

Note: Band included 4-LS-54

DATA

LOAD	CALCULATED GUY LOAD	DEPL	PIC. No.	REMARKS
0	0	0	1	
3000	4243	1/8"	2	
6000	8485	1/2"	3	
9000	12728	1"	4	
12000	16971	1 7/8"	5	
18000	25456		6	Failure of Guying Stud

No. 3102 POLE BAND TEST  
45 DEGREE GUYING ANGLE

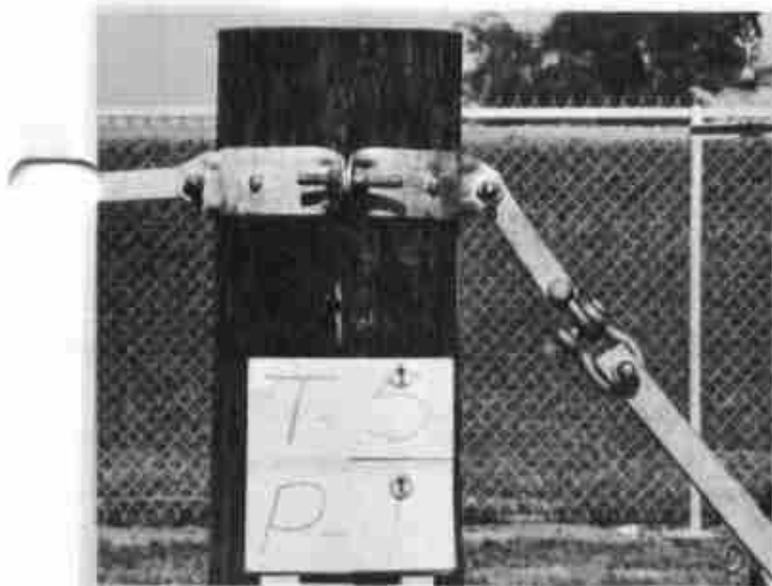
Drawn D. POLICKY  
Appr.  
Appr.

**HUGHES SEWARD**  
FOUNDED - 1921

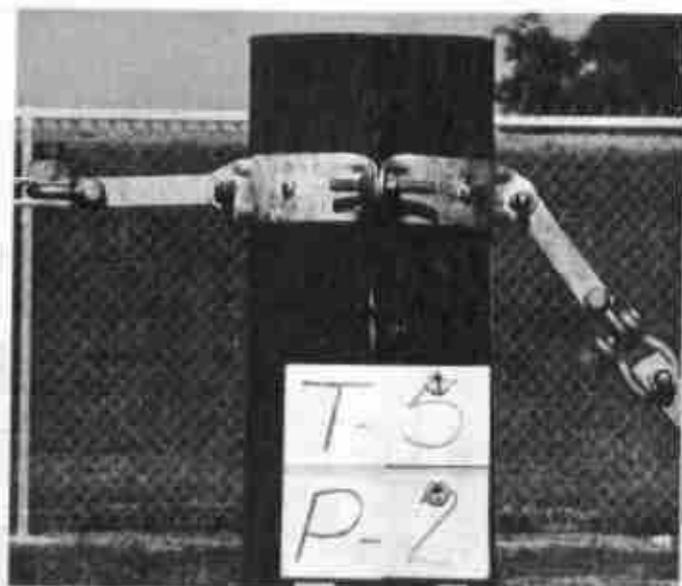


**BROTHERS NEBRASKA**  
INCORPORATED

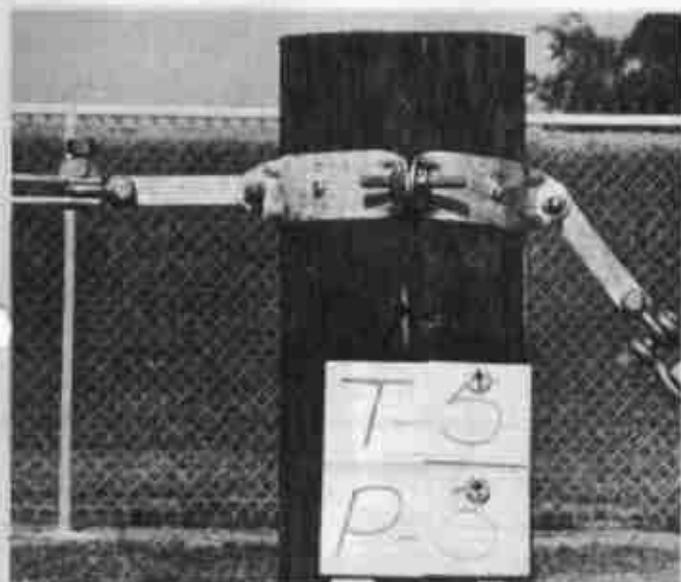
DRG. NO.  
**A-2136-C1**



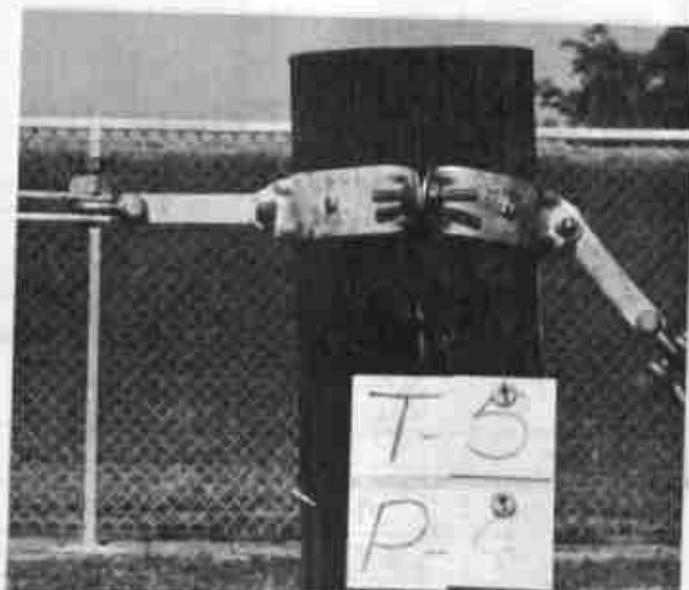
0 lbs.



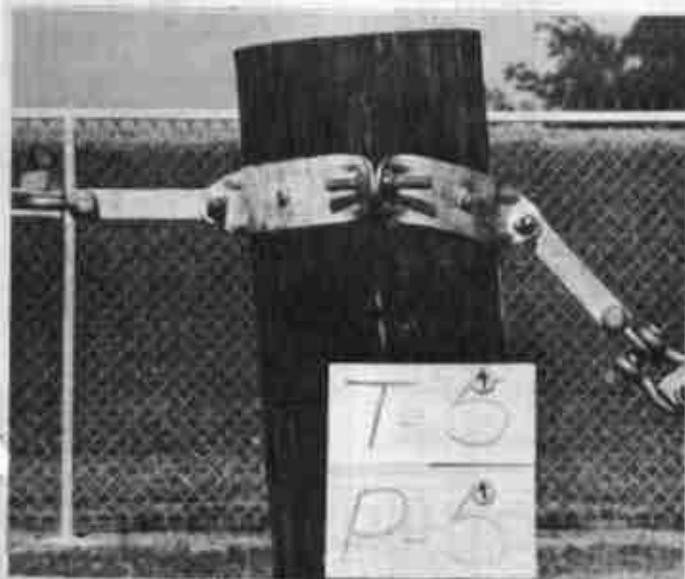
3000 lbs.



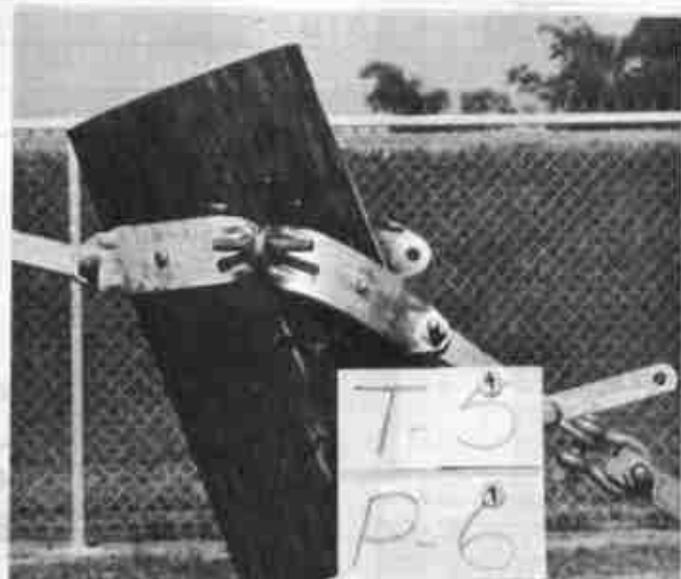
6000 lbs.



9000 lbs.



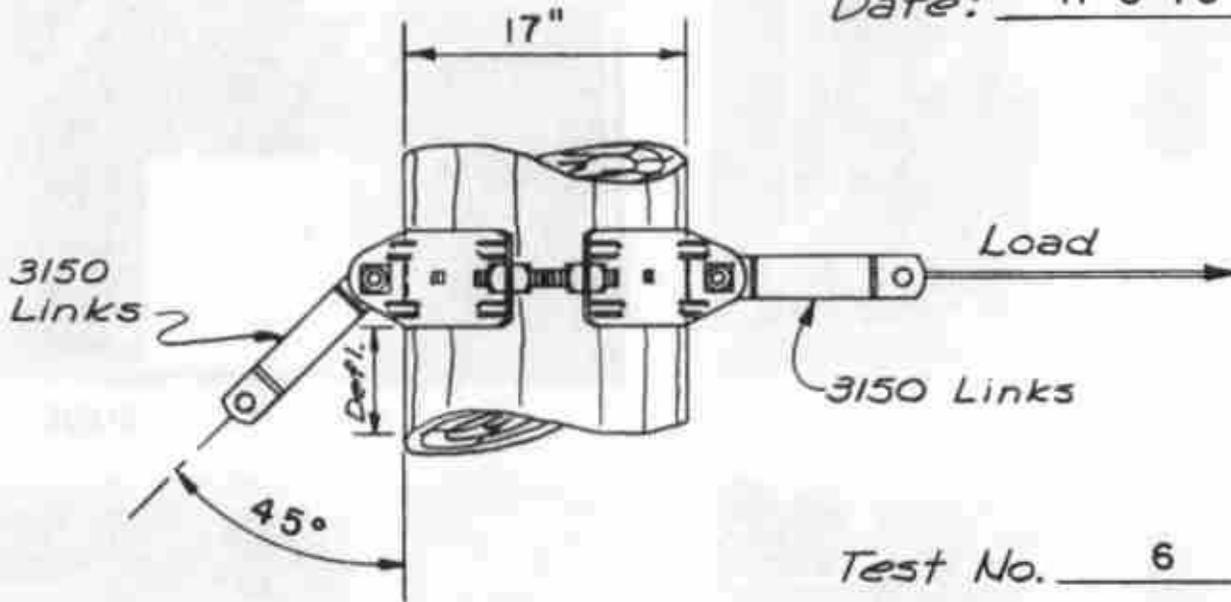
12000 lbs.



Failure

18000 lbs.

Date: 11-3-76



Test No. 6

Note: Band included 4-LS-54

DATA

LOAD	CALCULATED GUY LOAD	DEPL.	PIC. No.	REMARKS
0	0	0	1	
3000	4243	1/4"	2	
6000	8485	5/8"	3	
9000	12728	1"	4	
12000	16971	1 5/8"	5	
16400	23193		6	Failure of Guying Stud

No. 3102 POLE BAND TEST  
45 DEGREE GUYING ANGLE

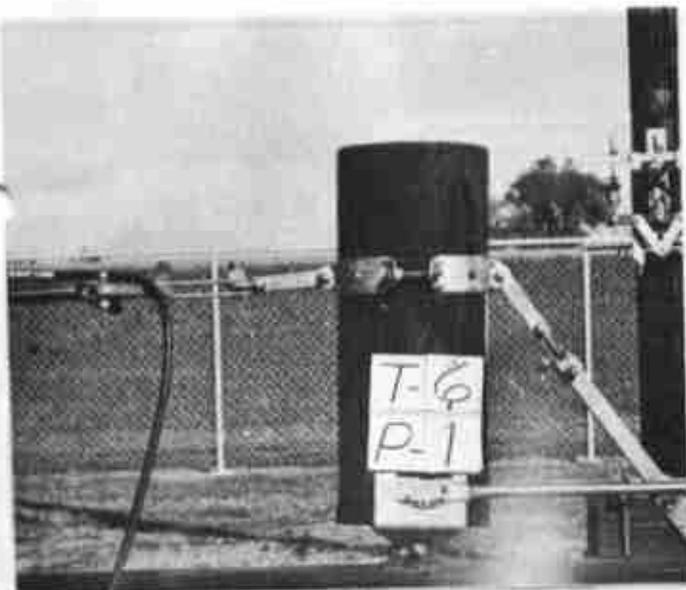
Drawn D. POLICKY  
Appr.  
Appr.

**HUGHES SEWARD**  
FOUNDED - 1921

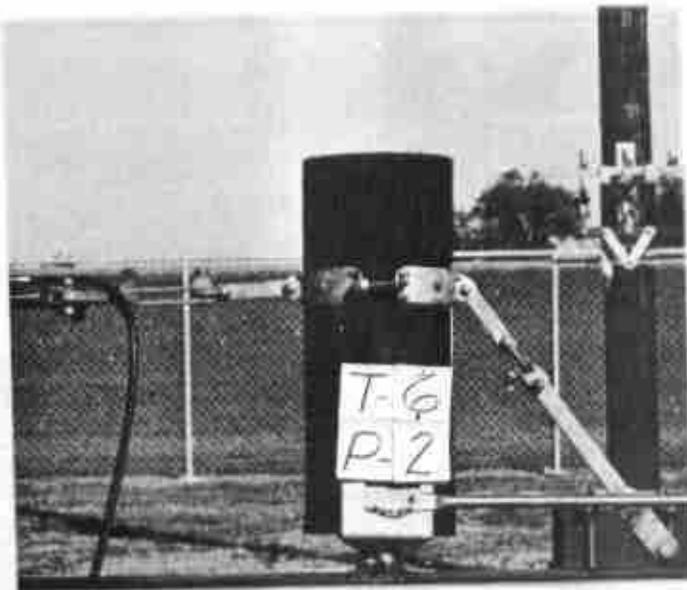


**BROTHERS NEBRASKA**  
INCORPORATED

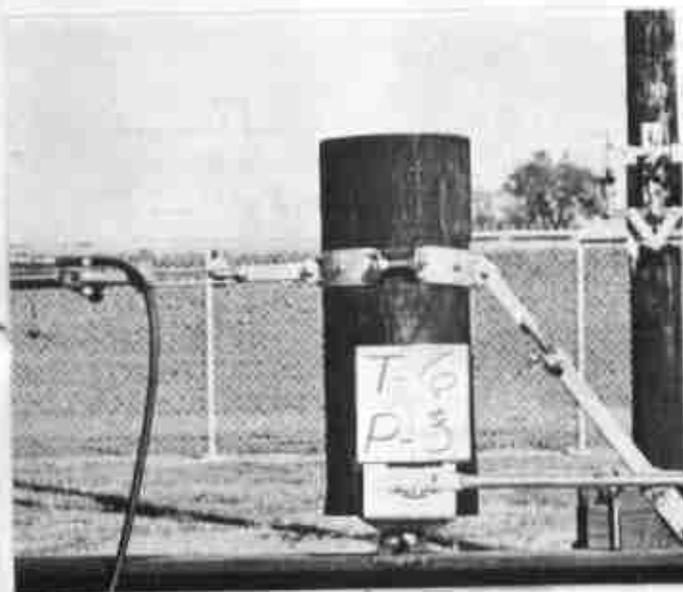
DRG. NO.  
**A-2136-C2**



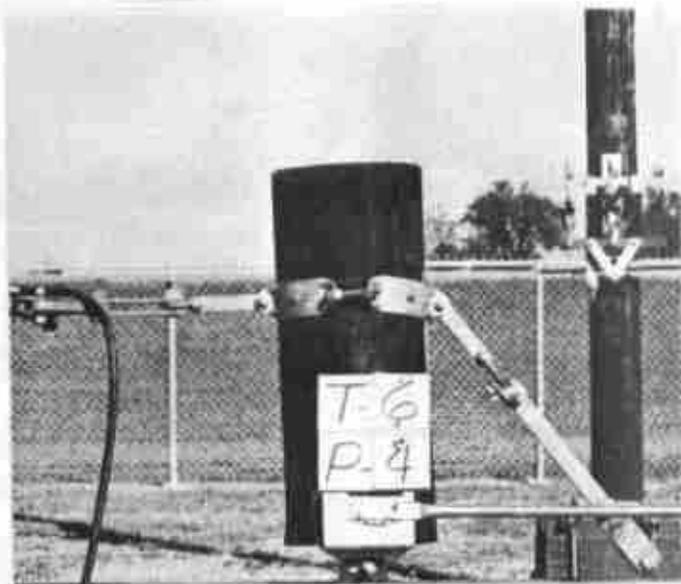
0 lbs.



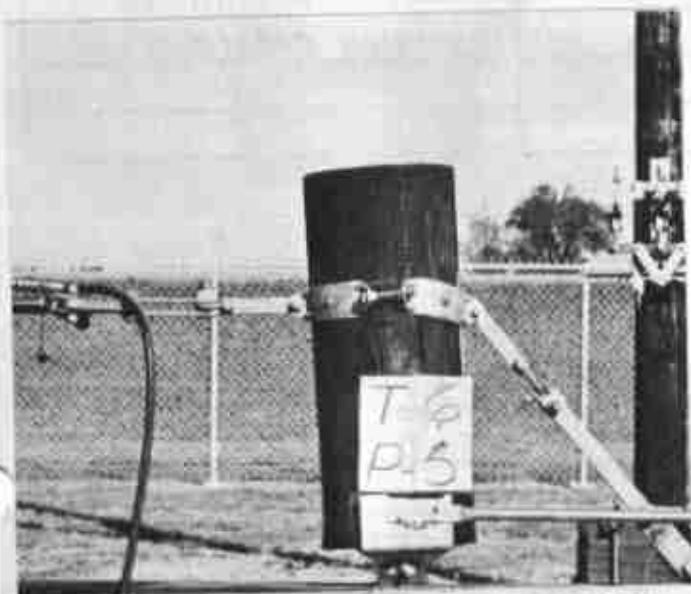
3000 lbs.



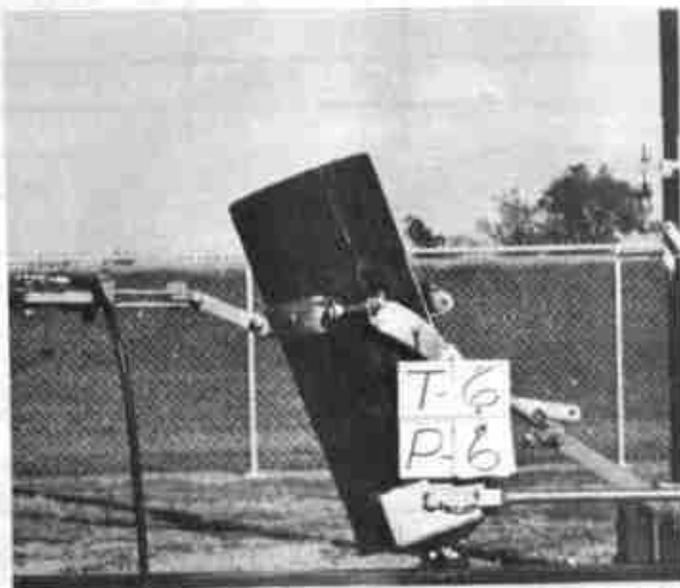
6000 lbs.



9000 lbs.



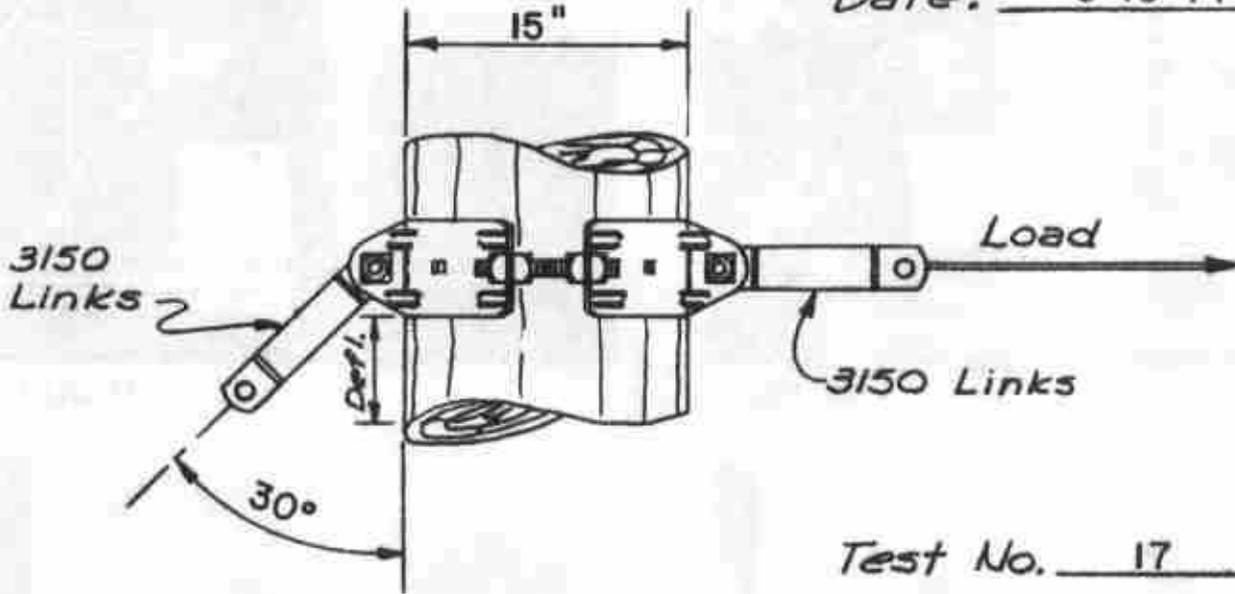
12000 lbs.



Failure

16400 lbs.

Date: 6-16-77



Test No. 17

Note: Band included 4-LS-54

DATA

LOAD	CALCULATED GUY LOAD	DEPL.	PIC. No.	REMARKS
0	0	0	1	
3000	6000	3/8"	2	
6000	12000	1 5/16"	3	
9000	18000	2 3/4"	4	
12000	24000	4 1/8"	5	Test Discontinued (extreme deformation)

No. 3102 POLE BAND TEST  
30 DEGREE GUYING ANGLE

Drawn D. POLICKY  
Appr.  
Appr.

**HUGHES**  
**SEWARD**  
FOUNDED - 1921



**BROTHERS**  
**NEBRASKA**  
INCORPORATED

DRG. NO.  
A-2136-C3



0 lbs.



3000 lbs.



6000 lbs.



9000 lbs.



12000 lbs.