

LINE LENGTHS FOR EQUIPMENT INSPECTION

A5 LINE	208 1/4"	± 1"	A5 TO B5	3"	± 1/2"
A4 LINE	207 7/8"	± 1"	A5 TO C5	10"	± 1/2"
A3 LINE	207 5/8"	± 1"	A5 TO D5	18 1/8"	± 1/2"
A2 LINE	207 1/4"	± 1"	A4 TO B4	2 7/8"	± 1/2"
A1 LINE	207 1/4"	± 1"	A4 TO C4	11 1/8"	± 1/2"
			A4 TO D4	22 3/4"	± 1/2"
SEAM TO SEAM TOP SKIN #1	41 1/4" TO 42 3/8"		A3 TO B3	3"	± 1/2"
B1 TO C1	34" TO 35 1/2"		A3 TO C3	12"	± 1/2"
BRAKE TO TOGGLE	31 1/4"	± 1/2"	A3 TO D3	25"	± 1/2"
			A2 TO B2	3 1/4"	± 1/2"
A5 TO UST1	17 1/4"	± 1"	A2 TO C2	12 1/4"	± 1/2"
A5 TO UST3	7"	± 1"	A2 TO D2	25 3/4"	± 1/2"
A5 TO UST5	5 3/8"	± 1"	A1 TO B1	3 1/4"	± 1/2"
A5 TO UST6	7 1/8"	± 1"	A1 TO C1	12 1/2"	± 1/2"
A5 TO UST7	12 5/8"	± 1"	A1 TO D1	26"	± 1/2"



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HR-400 Planform
Top Drawing

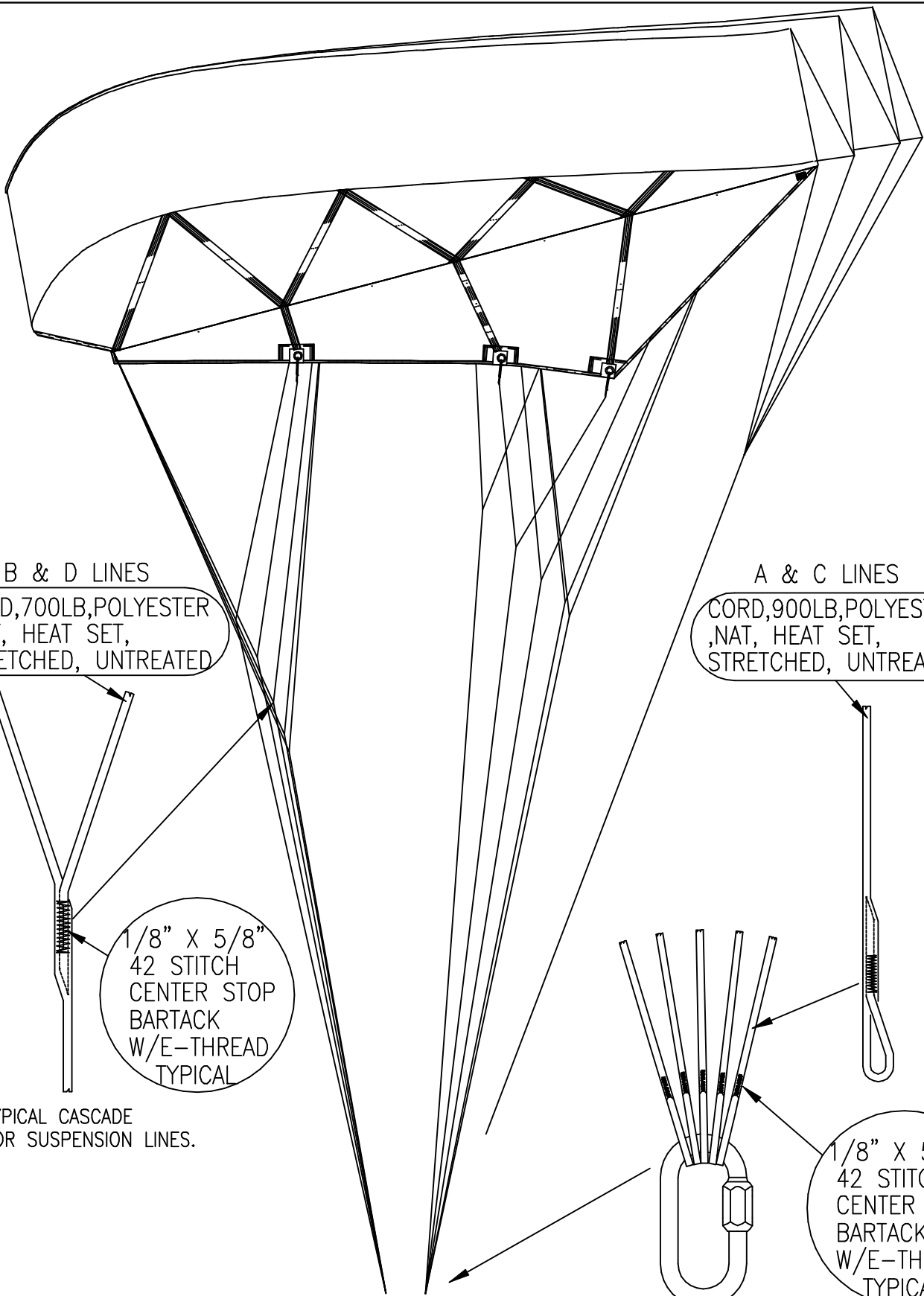
Date
22 Nov 2004

By
R. D. R.

Document No.#
TDWG-002

Rev.
0

Sheet
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B & D LINES
 CORD, 700LB, POLYESTER
 , NAT, HEAT SET,
 STRETCHED, UNTREATED

A & C LINES
 CORD, 900LB, POLYESTER
 , NAT, HEAT SET,
 STRETCHED, UNTREATED

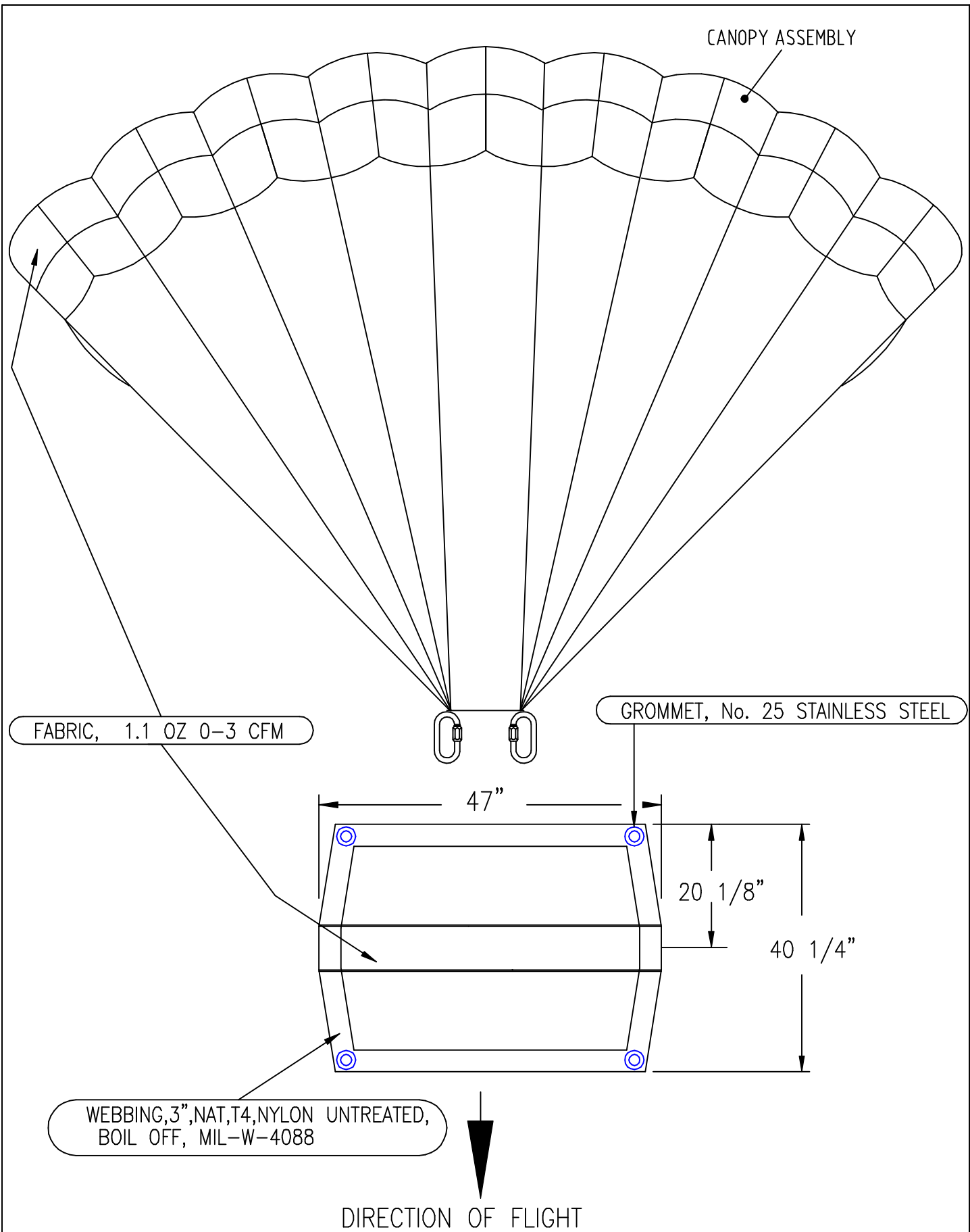
1/8" X 5/8"
 42 STITCH
 CENTER STOP
 BARTACK
 W/E-THREAD
 TYPICAL

TYPICAL CASCADE
 FOR SUSPENSION LINES.

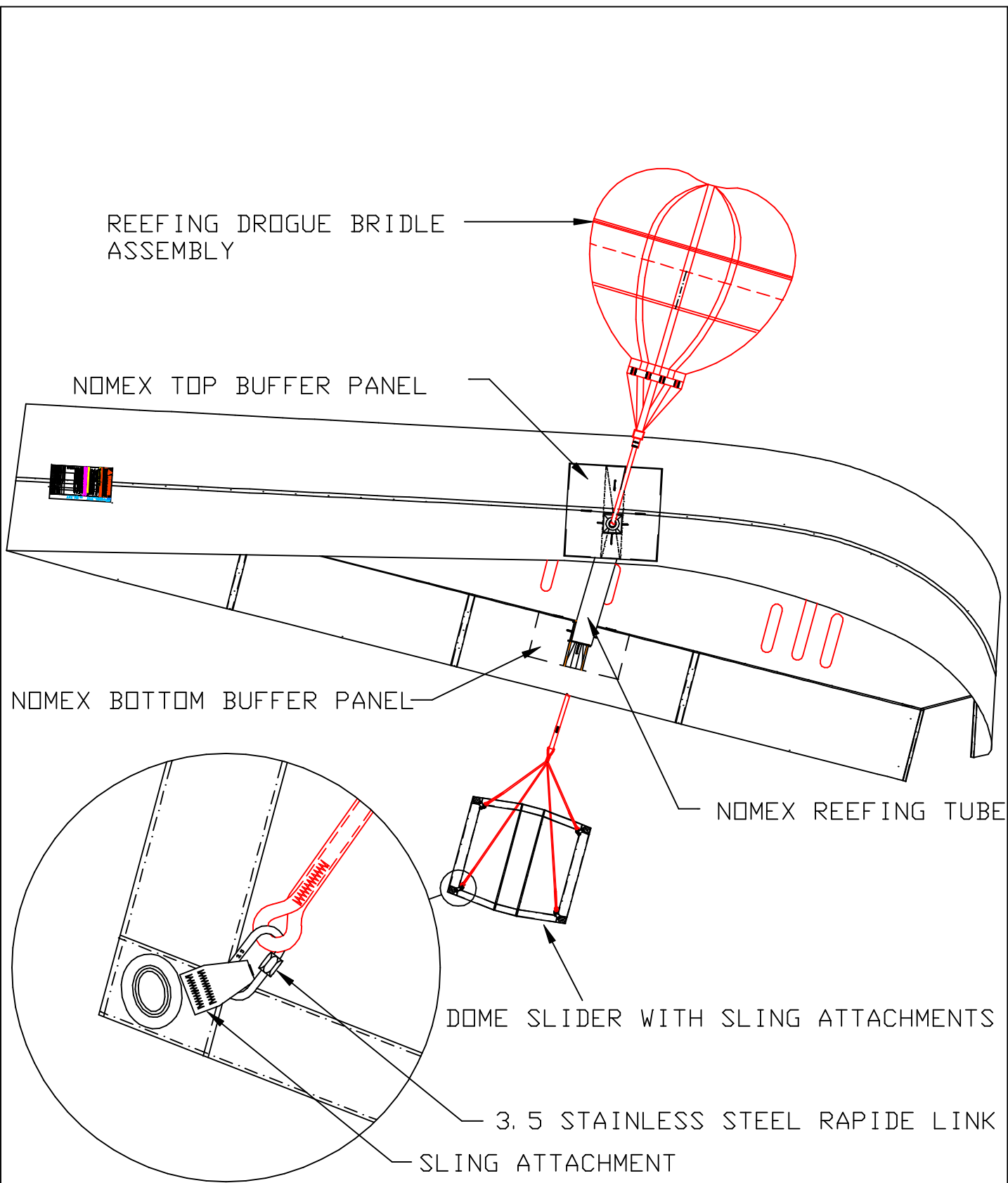
1/8" X 5/8"
 42 STITCH
 CENTER STOP
 BARTACK
 W/E-THREAD
 TYPICAL

LINK

TYPICAL FORMING OF LOOP
 FOR SUSPENSION LINES.



 Performance Designs	HR-400 Flying Front	Date	22 Nov 2004	By	R. D. R.
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WARNING

THIS IS A HIGH PERFORMANCE PARACHUTE. EVEN NORMAL USE MAY RESULT IN SERIOUS INJURY OR DEATH. TRAINING, PROFICIENCY AND SKILL ARE REQUIRED TO LOWER THE RISK. READ AND COMPLY WITH ALL MANUFACTURER'S MANUALS, RECOMMENDATIONS, PROCEDURES, PLACARDS AND LIMITATIONS.

PARACHUTE SYSTEMS SOMETIMES FAIL TO OPERATE CORRECTLY, EVEN WHEN PROPERLY MANUFACTURED, ASSEMBLED, PACKED AND OPERATED. YOU RISK SERIOUS INJURY AND DEATH EACH TIME YOU USE THIS SYSTEM.

TRAINING AND PROFICIENCY REQUIREMENTS:

- DO NOT USE THIS PARACHUTE SYSTEM UNLESS YOU HAVE:
- A. RECEIVED INSTRUCTION IN THE USE OF THIS SPECIFIC PARACHUTE SYSTEM AND OPERATE IT WITHIN THE STUDENT OR NOVICE LIMITATIONS LISTED BELOW:
-OR-
 - B. PERFORMED AT LEAST 50 RAM AIR PARACHUTE JUMPS AND AT LEAST 10 SOFT STAND UP LANDINGS, WITHIN THE TARGET AREA, USING A CANOPY NO MORE THAN 15% LARGER THAN THIS SIZE.
-OR-
 - C. EXPERIENCE WITH THIS EQUIPMENT AND ARE HIGHLY FAMILIAR AND PROFICIENT WITH THE OPERATION, FLIGHT AND LANDING CHARACTERISTICS OF THIS MODEL/SIZE PARACHUTE AND SYSTEM.

WEIGHTS LISTED ARE (JUMPER + CLOTHING + EQUIPMENT) LBS (KG).

MIN. WT.	STUDENT*	NOVICE*	INT.*	ADV.*	EXPERT*	MAX. WT.
200 (91)	350 (159)	350 (159)	450 (204)	500 (227)	550 (250)	550 (250)

MAXIMUM DEPLOYMENT SPEED: 180 KTS EAS @ SEA LEVEL

- * MAXIMUM WEIGHT, TO REDUCE RISKS STAY WELL BELOW THIS WEIGHT.
- WEIGHT ADJUSTMENTS FOR LANDING CONDITIONS:
REDUCE ALL WEIGHTS BY 2 % PER 1000 FT (300M) LANDING ELEVATION.
REDUCE ALL WEIGHTS BY AN ADDITIONAL 1% FOR EVERY 3° C (5° F) ABOVE STD. DAY TEMP., WHICH IS 15°C (59°F) AT SEA LEVEL.
STD DAY TEMP. DECREASES 2°C (3.5°F) PER 1000 FT (300M).
FOR EACH 1000 FT ABOVE SEA LEVEL.
- OPENING FORCES INCREASE WITH ALTITUDE, REDUCE MAXIMUM WEIGHT AND/OR MAXIMUM AIRSPEED (EAS) FOR DEPLOYMENT ALTITUDE.
- **VARIES WITH WEATHER/LANDING CONDITIONS
- APPROVED FOR TANDEM USE
- MAXIMUM DEPLOYMENT WEIGHT

DATE OF MANUFACTURE . CDATE	
PN: HR400???	INSP:

REMOVAL OF THIS LABEL VOIDS ALL WARRANTIES

CANOPY HISTORY LOG
EACH TIME THIS CANOPY IS PACKED BUT HAS NOT BEEN JUMPED, MARK A DIAGONAL BAR IN THE NEXT EMPTY BOX:

EACH TIME THIS CANOPY IS PACKED AFTER IT HAS BEEN JUMPED, MARK A "X" IN THE NEXT EMPTY BOX:

THIS CANOPY MUST RECEIVE A FABRIC PERMEABILITY TEST WITHIN EACH 25 JUMPS AND 40 PACKS. DO NOT REPACK UNLESS THESE REQUIREMENTS ARE MET.

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MODEL SIZE HR-400-TYPE SN: HR400-000000

HR-400-TYPE	MODEL #
HR400+CUT REVISION FROM PRODUCTION ORDER	PART #
HR400-NUMBER FROM PRODUCTION ORDER	SERIAL #



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HR-400 Warning Label
Top Drawing

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