BUREAU OF EXPLOSIVES

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DATE 1/27/6/ INSPECTOR



LOADING & BRACING ON FLAT BED TRAILER OF AFT SECTION, BODY, PACKED ONE PER METAL CONTAINER, FOR THE NIKEHERCULES GUIDED MISSILE

<u>ITEM</u>	PAGE
GENERAL NOTES, MATERIAL SPECIFICATIONS	
AND DETAILS	2
ONE UNIT LOAD	<i>3</i>
TWO UNIT LOAD, TWO WIDE	4
TWO UNIT LOAD, TWO LONG	<i>5</i>
FIVE UNIT LOAD	6
EIGHT UNIT LOAD	7

CAUTION:

READ GENERAL NOTES, PAGE 2, PRIOR TO LOADING OPERATIONS.

<u>WARNING:</u>

TWO UNIT (TWO WIDE), FIVE UNIT AND EIGHT UNIT LOADS AS SHOWN HEREIN REQUIRE THE CLEARANCE OF THE LOCAL TRANSPORTATION OFFICER DUE TO THE EXCESSIVE WIDTH AND/OR HEIGHT OF THE LOADS.

LOADING & BRACING ON FLAT BED TRAILER OF AFT SECTION, BODY, PACKED ONE PER METAL CONTAINER, FOR THE NIKE-HERCULES GUIDED MISSILE

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GENERAL NOTES

- LOADS AS SMOWN HEREIN ARE BASED ON FLAT BED TRAILERS 40'-0" LONG X 9'-0" WIDE WITH THE EXCEPTION OF THE ONE UNIT AND THE TWO UNITS, TWO WIDE LOADS WHICH ARE BASED ON FLAY BED TRAILERS 25'-0" LONG X 9'-0" WIDE.
- B. CAUTION: LADING HEIGHT ONE HIGH LOAD 61-3/4"

 TWO HIGH LOAD 10'-1"

 LADING WIDTH TWO WIDE LOAD 9'-1-VA"

 UNIT LOADS TWO WIDE AND/OR TWO HIGH REQUIRE: THE

 CLEARANCE OF THE LOCAL TRANSPORTATION OFFICER DUE TO THE

 EXCESSIVE WIDTH AND/OR-MEIGHT OF THE LOAD.
- C. FLAT BED TRAILERS HAVING ALL WETAL FLOORS WILL NOT BE USED FOR SHIPPING THIS ITEM.
- GROSS WEIGHT AND AXLE DISTRIBUTION OF WEIGHT WILL BE IN ACCORDANCE WITH PARAGRAPH 9.345.4. ORDW 3-4. VOL 3. DATED OCT 1959.
- E. NOTICE: SHIPWENTS BILL BE POSITIONED ON THE TRAILER CON-SISTENT BITH STATE WEIGHT LARS. THE NUMBER OF UNITS WAY BE ADJUSTED TO FIT THE DIMENSIONS OF THE VEHICLE CONCENNED OR THE QUANTITY TO BE SHIPPED: MODEVER, THE APPROVED METHODS CONTAINED HEREIN FOR FULL OR PARTIAL TRUCK LGAD MUST BE FOLLOWED FOR BLOCKING, BRACING AND STAYING OF THIS ITEM.
- F. FOR DETAIL OF CONTAINER SEE DRAWING NO. E1058236.
 CONTAINER DIMENSIONS-2224 LONG X 544 WIDE X 51-3/4" MIGH.
 GROSS WEIGHT-4,806 POUNDS.
- G. LADING WILL NOT BE SECURED BY CHAINS AND/OR LOAD BINDERS.
- ALL 2" STRAPPING APPLIED IN TWO (2) PIECES AND ALL II STRAP-PING WILL BE SEALED WITH TWO (2) SEALS AND TWO (2) CRIMPS PER SEAL.
- USE COMBINATION OF LOADING PROCEDURES SHOWN HEREIN TO PROVIDE PROPER BLOCKING AND BRACING FOR THE UNIT QUANTITIES NOT CEPICTED.
- TIE BAR FACILITIES, TOGETHER WITH 1-1/4" X 035" STEEL STRAPPING WILL BE USED TO UNITIZE CONTAINERS AS SHOWN. IF THE CAPACITY OF THE MHE PERMITS, IT IS RECOMMENDED THAT CONTAINERS BE UNITIZED PRIOR TO PLACEMENT ABOARD THE TRAILER.
- CAUTION: FLAT BED TRAILERS WITH TANDEM AXLES ONLY WILL BE USED FOR TWO LAYER HIGH LOADING AS SHOWN HEREIN. SINGLE AXLE TRAILERS WILL BE LIMITED TO ONE LAYER HIGH LOADING.

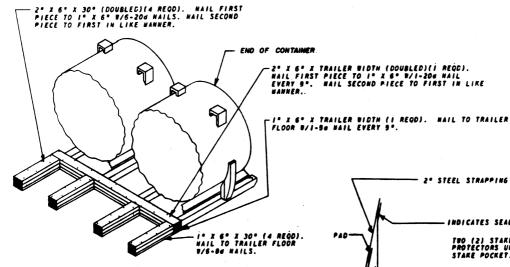
MATERIAL SPECIFICATIONS

SEE PARAGRAPH 8400, ORDU 3-4, VOL 3. DATED I JULY 1955. LUBBER:

MAILS: COMMON. CEMENT COATED, FED SPEC FF-N-105. ALTERNATE: ANNULAR-RING TYPE HAIL OF SAME SIZE.

STRAPPING: STEEL, TYPE I, CLASS "A" OR "C", FED SPEC QQ-S-781. FOR FSN SEE S8-38-100.

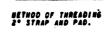
ANTI-CHAPING: NEUTRAL BARRIER MATERIAL, VIL-B-121.

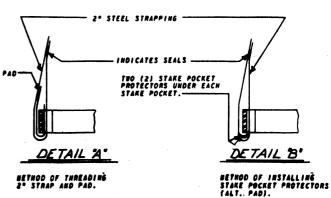


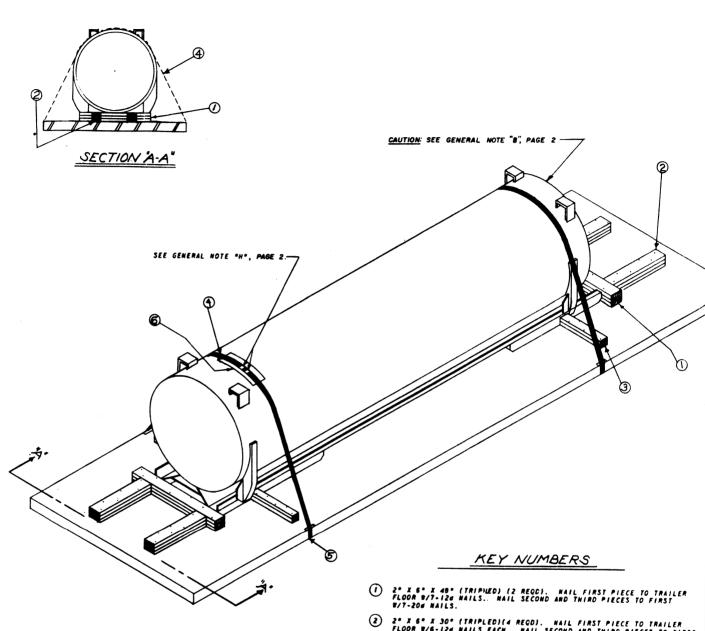
ALTERNATE END BLOCKING DETAIL

FOR TRAILERS BITHOUT ADEQUATE END STAKE POCKETS
AND/OR LESS THOM 30-46" SETWEEN END STAKE POCKETS.
ELMINATE SOLID FILL AND PIECE (2) AT ENDS OF LOAD.
PREPOSITION ALTERNATE END BLOCKING AS SHOWN (MAX
REGD, 2) AGAINST APPROPRIATE CONTAINER SKIDS TO
PREVENT LONGITUDINAL MOVEMENT OF LADING IN EITHER
DIRECTION. ADJUST LENGTH OF HEADER AND NUMBER OF
BACKUPS IF APPLIED TO A LOAD ONE CONTAINER WIDE.

CAUTION: CONTAINERS MUST NOT EXTEND BEYOND CONFINES OF TRAILER LENGTH.







26'-0" LONG X 8'-0" BIDE FLAT BED TRAILER

LUUBER	LINEAL FEET	BOARD FEET
2" X 4"	16	11
5. x e.	54	54
WAILS	NO REQD	POUNDS
120	78	13.
204	76	રો

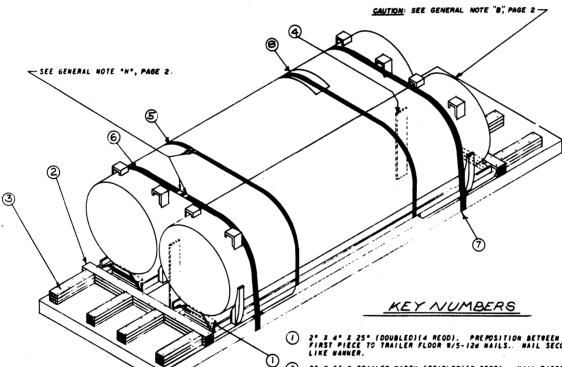
- 2° X 6° X 30° (TRIPLED)(4 REQD). NAIL FIRST PIECE TO TRAILER FLOOR B/6-12d NAILS EACH. NAIL SECOND AND THIRD PIECES TO FIRST B/6-20d NAILS EACH.
- 3) 2° X 4° X 24° (DOUBLED)(4 REQD). NAIL FIRST PIECE TO TRAILER FLOOR W/5-124 MAILS.. NAIL SECOND PIECE TO FIRST IN LIKE WANNER.
- STRAPPING, STEEL, 2° x .050° x 20'-0° (2 REQD).
- (3) PAD, 2° X .050° STRAP 19° LONG. POSITION UNDER AND SEAL TO PIECE
 (4) SEE DETAIL "4", PAGE 2 (4 REQD).
 ALTERNATE: SIGNODE NO. I STARE POCKET PROTECTIONS. TWO 128 USED UNDER EACH STARE: POCKET BITH PIECE (4) SEE DETAIL "8", PAGE 2 (8 REQD).
- ANTI-CHAFING (MEUTRAL BARRIER MATERIALL PLACE UNDER ALL STRAPS AT POINTS OF CONTACT FITH CONTAINER...

LOAD AS SHOWN

1768 QUARTITY WEI GHT AFT SECTION 4,606 LBS DUNNAGE 183 L85

TOTAL BEIGHT

4,700 LBS



26'-0" LONG X B'-0" WIDE FLAT BEC TRAILER

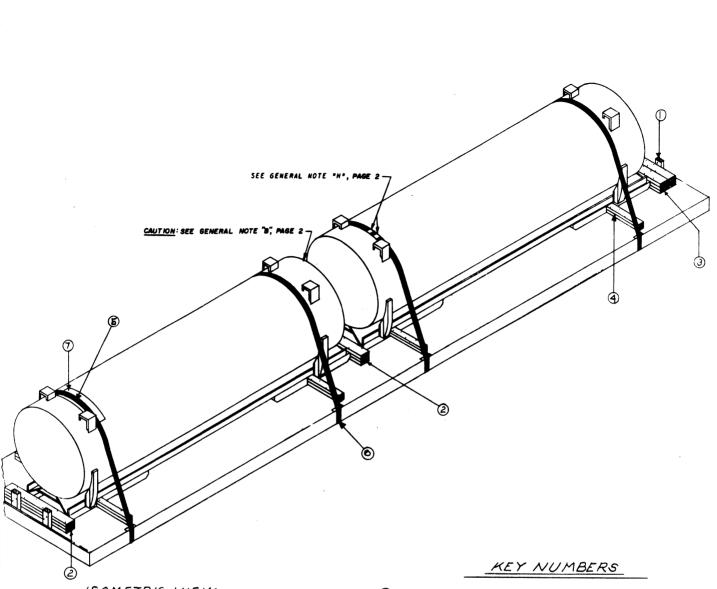
LUMBER	LINEAL FEET	BOARD FEET
2" X 4"	. 17	12
2. X 6.	100	108
NAILS	NO. REQD	POUNDS
120	112	2
200	144	5-1/4

STEEL STRAPPING; 14° X .035° - 53' REQD - 8 LBS STEEL STRAPPING; 2° X .050° - 52' REQD - 18 LBS ANTI-CHAFING WATERIAL: 1 × X 6 * HARDBOARD (5-0" REQD)-2 LBS ANTI-CHAFING NATERIAL: AS REQU

- 2° X 4° X 25° (DOUBLED)(4 REQD). PREPOSITION BETWEEN CONTAINER SKIDS. MAIL FIRST PIECE TO TRAILER FLOOR B/5-12d NAILS. NAIL SECOND PIECE TO FIRST IN LIKE WANNER.
- 2 2° X 6° X TRAILER WICH (TRIPLED)(2 REQD). MAIL FIRST PIECE TO TRAILER FLOOR W/1-120 MAIL EVERY 9°. MAIL SECOND AND THIRD PIECES TO FIRST W/1-200 MAIL EVERY 9°.
- 3 2° X 6° X 30° (TRIPLED)(9 REQD). MAIL FIRST PIECE TO TRAILER FLOOR B/6-12d MAILS. MAIL SECOND AND THIRD PIECES TO FIRST B/5-20d MAILS EACH.
- (4) ANTI-CHAFING WATERIAL, j. X 5". X 30" (2 REQD). j. HARDBOARD. POSITION BETWEEN CONTAINERS.
- S STEEL STRAPPING, 11 x .035 x 26 -6 (2 REQD).
- STEEL STRAPPING, 2. X .050. X 23'-0. (2 REQD).
- PAD, 2° X.050° STRAP 18° LONG... POSITION UNDER AND SEAL TO PIECE (S). (SEE DETAIL "A", PAGE 2)(4 REOD). ALTERNATE: SIGNODE NO. I STAKE POCKET PROTECTORS. TWO (2) USED UNDER EACH STAKE POCKET WITH (E). (SEE DETAIL "B", PAGE 2) (9 REQD). **②**
- (B) ANTI-CHAPING (NEUTRAL BARRIER WATERIAL). PLACE UNDER ALL STRAPS AT POINTS OF CONTACT WITH CONTAINER.

LOAD AS SHOWN

ITEN	QUANTITY	DEIGHT
AFT SECTION	2	9,212 LBS
DUMMAGE		3 36 L83
7074	1048	



ISOMETRIC VIEW 40'-0" LONG X B'-C" WIDE FLAT BED TRAILER

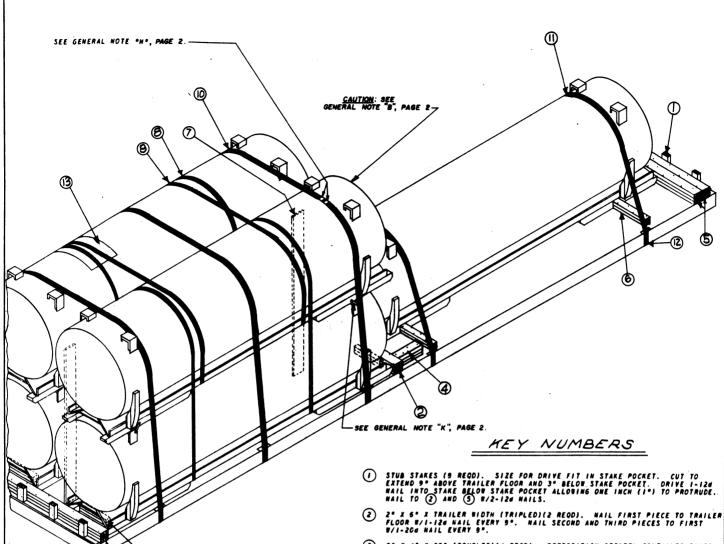
	BILL OF MATERIAL			
LUNGER	LINEAL FEET	BOARD FEET		
2" X 4"	38	26		
2" X 5"	•	•		
NAILS	NO. REOD	POUNDS		
120	115	2		
20a	40	1-3/4		
TRAPPING, STEEL.	2° X .050° - 92'-0	* REOD - 31 LI		

ANTI-CHAFING WATERIAL - AS REQD

- (1) STUB STAKES (4 REOD). SIZE FOR DRIVE FIT IN STAKE POCKET. CUT TO EXTEND 9° ABOVE TRAILER FLOOR AND 3° BELOW STAKE POCKET. DRIVE ONE 128 NAIL INTO STAKE BELOW STAKE POCKET ALLOWING ONE INCH (1°) TO PROTRUDE. NAIL TO (2) W/2-128 NAILS.
- 2 2" X 6" X 48" (TRIPLED) (2 REQD). NAIL FIRST PIECE TO TRAILER FLOOR W/1-120 NAIL EVERY 9". NAIL SECOND AND THIRD PIECES TO FIRST W/1-200 NAIL EVERY 9".
- 3 SOLID FILL, 2° WATERNAL X 49° LONG (TRIPLED). NAIL FIRST PIECE TO TRAILER FLOOR W/1-120 NAIL EVERY 8°. NAIL SECOND AND THIRD PIECES TO FIRST W/1-200 NAIL EVERY 9°.
- 2° X 4° X 24° (DOUBLED)(9 REQD). NAIL FIRST PIECE TO TRAILER FLOOR W/5-128 MAILS.. NAIL SECOND PIECE TO FIRST IN LIKE WANNER.
- 5 STRAPPING, STEEL, 2" X .050" X 20'-0" (4 REQD).
- PAD, 2° X .050° STRAP 19° LONG. POSITION UNDER AND SEAL TO 3.
 SEE DETAIL "A", PAGE 2 (9 REQD).
 ALTERNATE: SIGNODE NO. I STAKE POCKET PROTECTORS, TWO (2) USED
 UNDER EACH STAKE POCKET WITH PIECE 3 (SEE DETAIL "B", PAGE 2
- 7 ANTI-CHAFING (NEUTRAL BARRIER WATERIALL PLACE UNDER ALL STRAPS AT POINTS OF CONTACT WITH CONTAINER.

LOAD AS SHOWN

LTEN	CUANTITY	VEI GUT
AFT SECTION	2	9,212 LBS
DUNNAGE		220 L85
TOTAL WEIG	5HT	9,432 LBS



40'-0" LONG X 8'-0" WIDE FLAT BED TRAILER

BIL	L OF MATER	RIAL
LUBBER	LINEAL FEET	BOARD FEET
2" X 4"	45	30
2° x 5°	105	108
HAILS	NO. REOD	POUNDS
120	150	23
200	112	•

STEEL STRAPPING, 14" X .035" - (168" - 0" REQD) - 24 LBS STEEL STRAPPING. 2" X .050" - (170" - 6" REQD) - 82 LBS ANTI-CHAFING WATERIAL 1º X 6º HARDBOARD-(14'-0' REQD)-6 LBS ANTI-CHAFING MATERIAL AS REQU

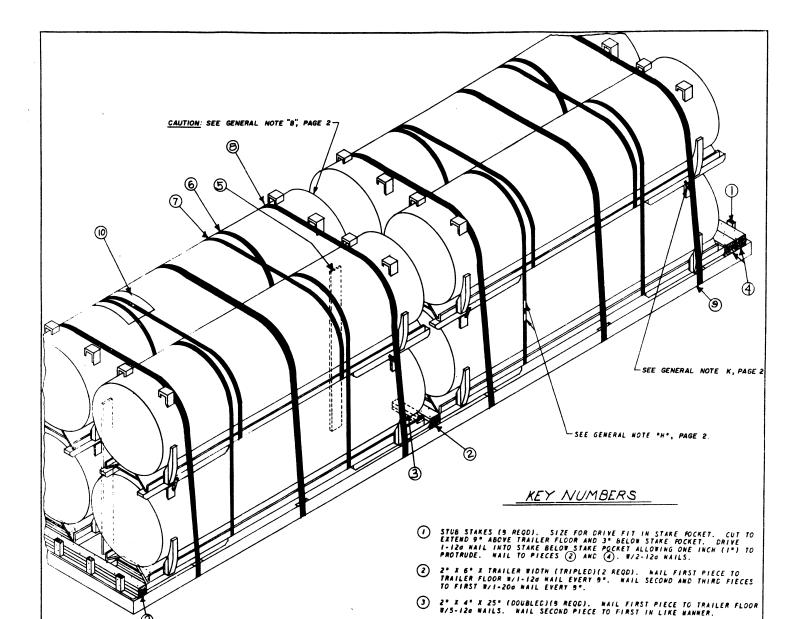
- 3 2° X 4° X 25° (DOUBLED)(4 REQD). PREPOSITION BETBEEN CONTAINER SKIDS.
 NAIL FIRST PIECE TO TRAILER FLOOR W/5-12d NAILS. NAIL SECOND PIECE TO FIRST IN LIKE WANNER.
- 2° X 5° X 19° (TRIPLED)(2 REQD). WAIL FIRST PIECE TO TRAILER FLOOR W/4-120 WAILS. WAIL SECOND AND THIRD PIECES TO FIRST W/4-200 WAILS.
- (5) SOLID FILL, 2° WATERIAL X TRAILER WIDTH (TRIPLED). HAIL FIRST PIECE TO TRAILER FLOOR W/I-12d HAIL EVERY 9°. HAIL SECOND AND THIRD PIECES TO FIRST W/I-20d HAIL EVERY 8°.
- 6 2° X 4° X 24° (DOUBLED)(4 REQD). NAIL FIRST PIECE TO TRAILER FLOOR W/5-12d NAILS. NAIL SECOND PIECE TO PIRST IN LIKE WANNER.
- 7 ANTI-CHAFING MATERIAL, 1º X 6º X 7'-0° (2 REQD), 1º HARD BOARD. POSI-TION BETELEN CONTAINERS.
- (8) STEEL STRAPPING, 11 × .035 × 28 · 0 · (4 REQD).
- STEEL STRAPPING, 11 x .035 x 26'-6' (2 REOD).
- STEEL STRAPPING, 2" X .050" X 36"-6" (3 REQD).
- STEEL STRAPPING, 2º X .050º X 23'-0" (2 REQD).
- PAD. 2° X .050° STRAP'IR"LONG. POSITION UNDER AND SEAL TO PIECES(I) AND (I). SEE DETAIL "A". PAGE 2 (NO REQD).
 ALTERNATE: SIGNODE NO. I STAKE POCKET PROTECTORS TWO (2) USED UNDER EACH STAKE POCKET WITH PIECES(I) AND (I). (SEE DETAIL "B", PAGE 2 (20 REQD).
- (3) ANTI-CHAPING (NEUTRAL BARRIER WATERIAL) PLACE UNDER ALL STRAPS AT POINTS OF CONTACT DITH CONTAINER.

LOAD AS SHOWN

	 <u> ÓUANTITY</u>	BELGHT
AFT SECTION	5	23,030 LBS
DUMMAGE		438 L85

TOTAL BEIGHT

23, **462** E85



40'-C" LONG X 5'-C" WIDE FLAT BED TRAILER

LUMBER	LINEAL FEET	BOARD FEET
2" X 4"	45	31
2° x 6°	95	95
MAILS	M2. REOD	POUNDS
12a	164	2-3/4
20a	95	3 į

ANTI-CHAFING WATERIAL - AS REGO.

TOTAL WEIGHT

LOAD AS SHOWN

SOLID FILL, 2° MATERIAL X TRAILER WICTH (TRIPLED). MAIL FIRST PIECE TO TRAILER FLOOR W/1-12d MAIL EVERY 9°. MAIL SECOND AND THIRD PIECES TO FIRST B/1-20d MAIL EVERY 9°.

(S) ANTI CHAFING WATERIAL, 1º X 6º X 7'-0° (4 REQD). 1º HARD BOARD. POSITION BETWEEN CONTAINERS.

PAD. 2° X .050° STRAP° ME". LONG. POSITION UNDER AND SEAL TO PIECES (3).

SEE DETAIL "A". PAGE 3 (12 REOD).

ALTERNATE: SIGNODE NO. I STAKE POCKET PROTECTORS. TWO (2)

USED UNDER EACH STAKE POCKET WITH PIECE (8).

SEE DETAIL "8". PAGE 2 (24 REOD).

ANTI-CHAFING(NEUTRAL BARRIER MATERIALL PLACE UNDER ALL STRAPS AT POINTS OF CONTACT WITH CONTAINER.

(5) STEEL STRAPPING, 1½° X .035° X 28'-0° (8 REQD).
(7) STEEL STRAPPING, 1½° X .035° X 26'-6° (4 REQD).
(8) STEEL STRAPPING, 2° X .050° X 36'-6° (6 REQD).

 ITEM
 QUANTITY
 BEIGHT

 AFT SECTION
 8
 36,848 LBS

 DUNNAGE
 463 LBS

37,311 LBS