

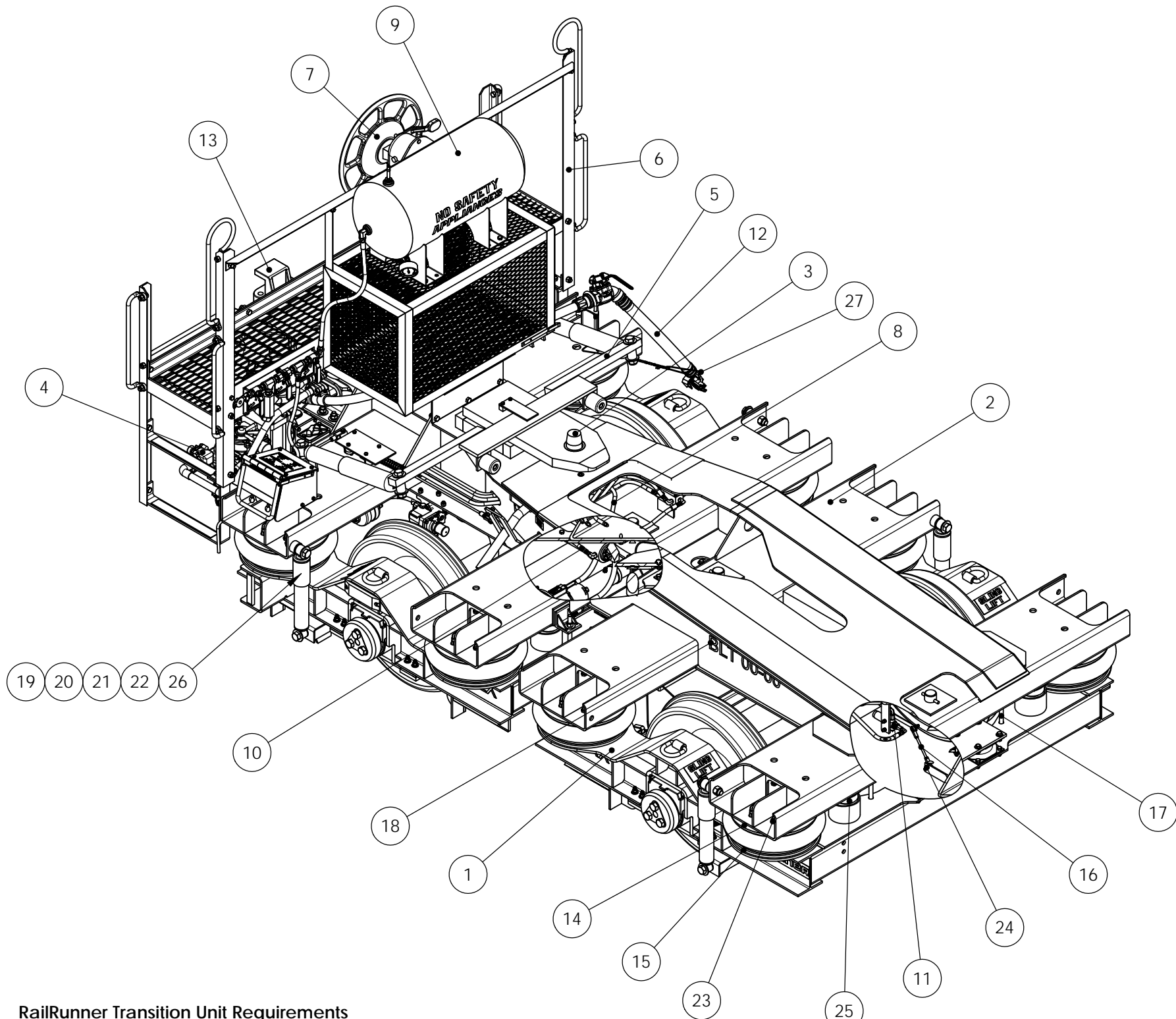
D	5/14/2009	GC	SW RELEASE; 200A001 SHEET 1&2 INSTED a&b; 200A014 COUPLER/DRAFT GEAR ASSY SEPARATE	MdL
C	5/15/2001	M.Waldrop	CHANGED ITEM (23) WAS NUT TO HALF POLY LOCK NUT	
REV.	DATE	BY	REV. DESCRIPTION	APPROVED

REVISIONS

MATERIAL:

**RAILRUNNER™**

DRAWN	NAME	DATE	TITLE: <b>Transition Unit - General Arrangement</b>
CHECKED	MdL	5/15/2009	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± 1/16 ANGULAR: ± 0.5 DEG .X±.06; .XX±.015; .XXX±.005			SIZE <b>B</b>
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RAILRUNNER. ANY USE OF THIS INFORMATION FOR THE MANUFACTURE OR SALE OF GOODS OR SERVICES OR ANY REPRODUCTION IN PART OR IN WHOLE WITHOUT THE WRITTEN PERMISSION OF RAILRUNNER IS STRICTLY PROHIBITED.			DWG. NO. <b>200A001</b>
DO NOT SCALE DRAWING			REV <b>D</b>
SCALE: 1:24		WEIGHT: 18447	SHEET 1 OF 2



BOM Table				
ITEM NO	QTY.	PART NUMBER	Rev	Description
1	1	000A001tu		LOWER FRAME ASSEMBLY (TRANSITION UNIT)
2	1	200A002a		Upper Frame Assembly
3	1	200A003		Pin Lock Assembly
4	1	200A004		Air Brake assembly
5	1	200A005		Miscellaneous Accessories Assembly
6	1	200A006		Safety Appliances
7	1	200A007		Hand Brake Arrangement
8	1	200A008		Air Bag Piping
9	1	200A009		Air Supply System
10	1	200A010		Cylinder System
11	1	200A011		Height Control Valve System
12	1	200A012		Trainline Assembly
13	1	200A014		Coupler/Draft Gear Assembly
14	8	200D001		Upper Wing Shim Plate
15	8	200D002		Lower Wing Shim Plate
16	2	200D071		Rod Assembly
17	8	200D127		Overextension Rod Assembly
18	1	200D152		Transition Unit - Decal & Stencil Location
19	4	910065		1-8UNC Hex Head Bolt x 5 lg. Gr.5
20	8	910066		1-8UNC Nylon Lock Nut
21	4	910067		1-8UNC Hex Head Bolt x 4 lg. Gr.5
22	8	910068		1 Washer
23	64	910110		5/8-11UNC Half Poly Lock Nut GR 5
24	4	910116		3/8-24UNC Nylon Lock Nut
25	8	940019		Spring, Alco CH14707A
26	4	940021		Shock, Monroe 74423
27	2	950026		Brake Hose Support, IRECO 20161 (or STRATO BC 601)

**RailRunner Transition Unit Requirements**

**Weld Requirements:**


1. Welds must conform to the requirements of AWS D1.1 and D15.1.
2. D15.1 will take precedence over D1.1 where the two disagree.
3. Welders must be certified to either D1.1 or D15.1 regarding applicable welding positions.
4. All welding will be performed using FCAW unless specified otherwise.
5. For all weld processes, the filler metal must meet the requirements of Table C4 of D15.1 for A572, Grade 50 steel.
6. All welds require visual inspection. 10% of all welds require a non-destructive inspection using either magnetic-particle or dye-penetrant testing per AWS D1.1. Inspectors must be AWS certified.

**Material Specifications:**

1. All structural steel must be certified to exceed 15 ft-lb @ 0 °F on Charpy V-notch Impact test.
2. Material specifications for all materials must be kept for every lower frame, filed by upper frame serial number.

-	-	-	See Sheet1	-
REV.	DATE	BY	REV. DESCRIPTION	APPROVED

REVISIONS

MATERIAL:				
NLA				
	DRAWN	GC	5/14/2009	<b>TITLE:</b> <b>Transition Unit - General Arrangement</b>
	CHECKED	MGL	5/15/2009	
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DO NOT SCALE DRAWING	<b>DWG. NO.</b> <b>200A001</b>		<b>REV</b> <b>D</b>	<b>SCALE: 1:24</b>
	<b>WEIGHT: 18447</b>		<b>SHEET 2 OF 2</b>	