



# **7500 SBA 6x4**

Sales Proposal For:  
**Doug Cuthbert**

Presented By:  
**LAKE TRK S&S INC**

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**Prepared For:**

Doug Cuthbert  
 Doug Cuthbert  
 431 Richmond St.  
 Painesville, OH 44077-3033  
 (440)352 - 0731  
 Reference ID: N/A

**Presented By:**

LAKE TRK S&S INC  
 John Mackey  
 431 RICHMOND  
 PAINESVILLE OH 44077 -  
 (440)352-0731

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

**Model Profile**  
**2010 7500 SBA 6X4 (SF637)**

**APPLICATION:**

Dry Van

**MISSION:**

Requested GVWR: 52000. Calc. GVWR: 52000  
 Calc. Start / Grade Ability: 21.30% / 2.70% @ 55 MPH  
 Calc. Geared Speed: 77.2 MPH

**FUEL ECONOMY:**

8.18 MPG @ 55 MPH

**DIMENSION:**

Wheelbase: 228.00, CA: 160.90, Axle to Frame: 140.00

**ENGINE, DIESEL:**

{International MaxxForce 10} 350 HP, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed  
 Speed, # 2 Bell Housing

**TRANSMISSION, AUTOMATIC:**

{Allison 3000\_RDS\_P} 4th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive;  
 On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW  
 & GCW Max.

**CLUTCH:**

Omit Item (Clutch &amp; Control)

**AXLE, FRONT NON-DRIVING:**

{Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity

**AXLE, REAR, TANDEM:**

{Meritor RT-40-145P} Single Reduction, 0.433" Wall Housing Thickness, 40,000-lb Capacity, Lube  
 Pump, With R Wheel Ends, Driver Controlled Locking Differential in Forward Rear and Rear-Rear  
 Axle Gear Ratio: 5.29

**CAB:**

Conventional

**TIRE, FRONT:**

(2) 11R22.5 XZE2 (MICHELIN) 501 rev/mile, load range H, 16 ply

**TIRE, REAR:**

(8) 11R22.5 XDN2 (MICHELIN) 497 rev/mile, load range H, 16 ply

**SUSPENSION, REAR, AIR, TANDEM:**

{Hendrickson PRIMAAAX EX} 55" Axle Spacing; 46,000-lb Capacity, 9.0" Ride Height, With  
 Shock Absorbers Mounted in Standard Location

**FRAME REINFORCEMENT:**

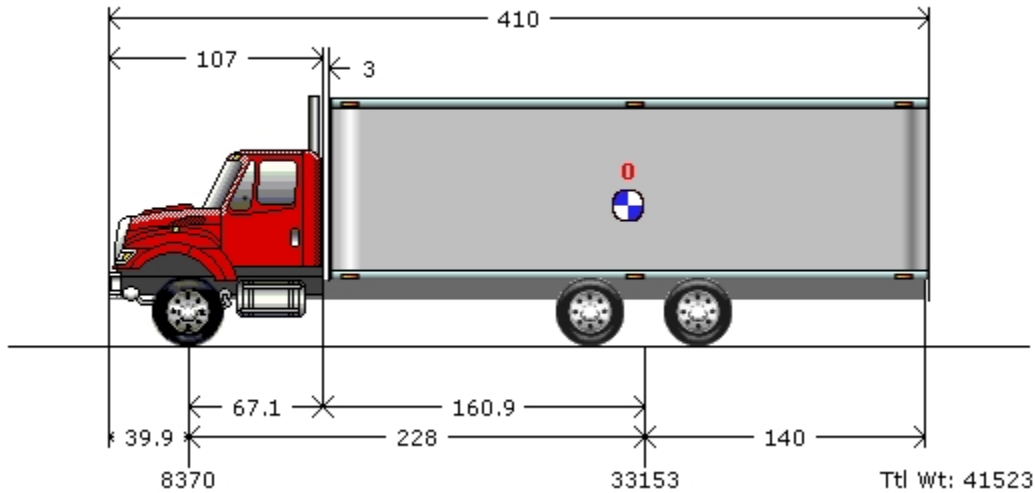
Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312";  
 (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL

**PAINT:**

Cab schematic 100GN

Location 1: 2023, Bright Red (Prem)

Chassis schematic N/A



Graphics are provided as visual aids only and are not intended to represent the actual scale, shape, or color of the truck or its components. All weights are represented in lbs.

Truck			Body/Trailer			Chassis/Empty Weights	
Bumper to Axle	(BA)	39.9	Body Length	(BL)	300	Tractor Front Axle:	7,811
Wheelbase	(WB)	228.00				Tractor Rear Axle:	7,712
Axle to Frame	(AF)	140.00					
Axle to Back Cab	(ABC)	67.1					
Cab to Axle	(CA)	160.9					
Usable CA		160.9					
CA Reduction Adjustment		0					
Fuel (Gals)		0					

Before the Cab			Cab			Payloads Chassis			Body			After the Body		
#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG
						1	0	150						

Loads	
Payload Weight:	0
Driver:	0
Fuel(lbs):	0

Weight Distribution	
Total Front Axle:	8,370
Total Rear Axle:	33,153
Total Weight:	41,523

Weights and clearances in this proposal are estimates only. Navistar, Inc. is not liable for any consequences resulting from any differences between the estimated weights and clearances and the actual manufactured weights and clearances.

**Weight Distribution**

All weights are represented in lbs.

	<u>Truck</u>		
	Front	Rear	Total
<b>Chassis Weight</b>			
Chassis Weight:	7,811	7,712	<b>15,523</b>
Fuel:	0	0	<b>0</b>
Empty Body:	559	25,441	<b>26,000</b>
<b>(Curb Weight):</b>	<b>8,370</b>	<b>33,153</b>	<b>41,523</b>

**Loads**

Payloads:	0	0	<b>0</b>
Driver:	0	0	<b>0</b>
<b>Axle Totals (Gross Weight):</b>	<b>8,370</b>	<b>33,153</b>	<b>41,523</b>

**Weight Ratings**

	<u>Truck</u>	
	Front	Rear
Axle(axle capacity)	12,000	40,000
Tire(tire capacity)	13,220	48,040
Suspension(suspension capacity)	12,000	46,000
Spring:	0	
Fed Bridge Law (axle spread):	20,000	34,000 (55")

<b>Wheel Combination</b>	<b>Load</b>	<b>Limit</b>
1 - 3	41,523	51,500

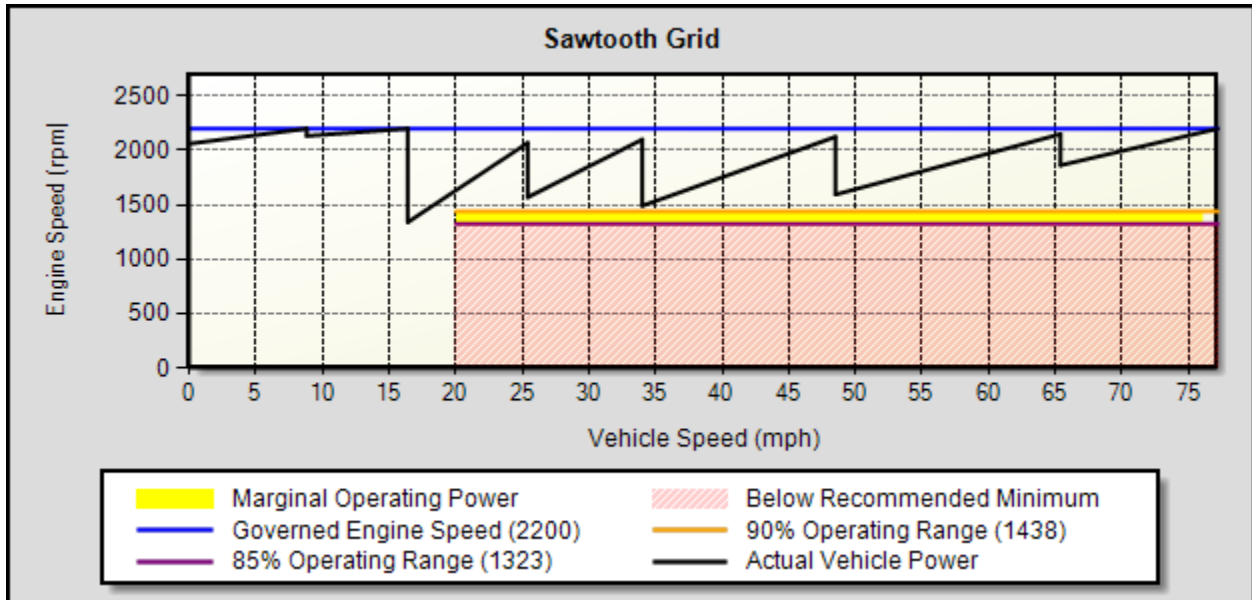
Federal Total Vehicle Weight Limit: 80,000

Maximum Gross Vehicle Weight Rating (GVWR) 52,000 - Gross Vehicle Weight(GVW) 41,523 = 10,477 Reserves

**Weight Summary**

\* Distributed weights are within capacity limits

**ENGINE/TRANSMISSION MATCHING**



**Sawtooth Details**

Gear	Trans Ratio	Upshift Power Avail		Govern Power Avail		Peak Power Comparison			Warn Msg
		Veh Spd (MPH)	Eng Spd (RPM)	Veh Spd (MPH)	Eng Spd (RPM)	Gear Step (%)	85% Range (%)	90% Range (%)	
1C	3.49	0.0	2062.5	8.8	2200.0	N/A	66	53	
2C	1.86	8.8	2133.6	16.4	2200.0	N/A	66	53	
2L	1.86	16.4	1339.7	25.4	2070.2	N/A	66	53	
3L	1.41	25.4	1569.3	34.0	2100.9	N/A	66	53	
4L	1.00	34.0	1490.0	48.5	2125.0	N/A	66	53	
5L	0.75	48.5	1593.8	65.4	2150.3	N/A	66	53	
6L	0.65	65.4	1863.6	77.2	2200.0	N/A	66	53	

## STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	6L	77.8	2215	4.73	0.00	
HI GEAR SPEED @ RATED RPM	6L	77.2	2200	4.77	0.21	
55.0 MPH STEADY-STATE	6L	55.0	1567	7.29	2.47	- Calculated Grade Ability/Fuel Economy

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN "-----", VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "\*\*\*\*\*", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

## Recommendations / General Information

IDLE FUEL RATE : 0.62 GALS/HR @ 700 RPM  
TORQUE CONVERTER: TC-418 STALL RATIO: 1.98

## Fuel Economy Route: Normal Route - City, Suburban, and Highway

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	5.08	7.15	6.91	
AVERAGE MPH	18.89	39.76	54.60	
MISSION MINUTES	29.9	52.1	173.4	

IF THE RESULTS CONTAIN "\*\*\*\*\*", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

## GRADEABILITY PERFORMANCE

## Enroute - Full Throttle Upshift Performance

Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	3.49	0.0	2062.5	0.0	34.40	STALL
		6.1	2159.9	206.0	24.20	70% EFF
		7.9	2179.6	233.8	21.30	80% EFF
		8.8	2200.0	240.7	19.50	
2C	1.86	8.8	2133.6	174.3	13.80	
		16.4	2200.0	241.8	9.90	
2L	1.86	16.4	1339.7	267.2	11.10	
		25.4	2070.2	310.6	8.00	
3L	1.41	25.4	1569.3	312.9	8.10	
		34.0	2100.9	308.0	5.60	
4L	1.00	34.0	1490.0	297.7	5.30	
		48.5	2125.0	303.2	3.20	
5L	0.75	48.5	1593.8	313.8	3.30	
		65.4	2150.3	292.2	1.30	
6L	0.65	65.4	1863.6	311.0	1.50	
		70.7	2012.5	303.7	1.00	
		75.0	2137.5	289.8	0.50	
		77.2	2200.0	276.5	0.20	RATED RPM
		77.8	2214.9	258.8	0.00	LEVEL ROAD

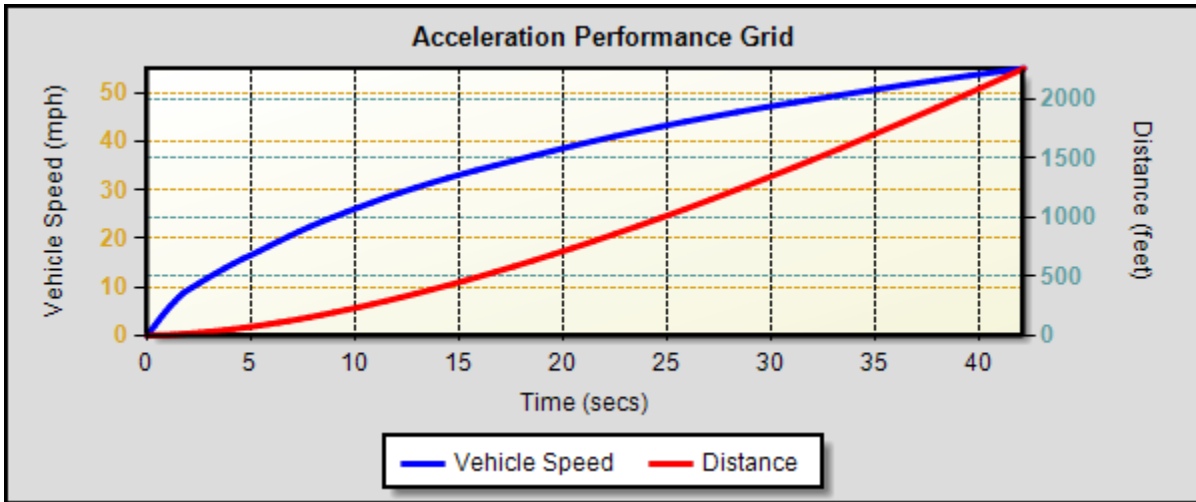
## STARTING / TOP GEAR PERFORMANCE

Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	3.49	0.0		0.0	34.40	STALL
		7.9		233.8	21.30	80% EFF - Calculated Start Ability

THE TRANSMISSION WAS SIMULATED IN PERFORMANCE OPERATING MODE.

**ACCELERATION PERFORMANCE RESULTS**

**Acceleration Performance Grid**



Acceleration Performance: TIME TO ACCELERATE ON A 0.00% GRADE TO 55.0 (MPH) IS 42.12 (SECS)

**Acceleration Performance Details**

<b>Gear</b>	<b>Time (secs)</b>	<b>Distance (feet)</b>	<b>Speed (mph)</b>	<b>Notes</b>
1	0.20	0.1	1.0	
	0.39	0.6	2.0	
	0.56	1.2	3.0	
	0.74	2.1	4.0	
	0.93	3.3	5.0	
	1.13	5.0	6.0	
	1.35	7.0	7.0	
	1.58	9.6	8.0	
2	1.78	12.0	8.8	
	2.16	17.2	9.8	
	2.54	23.0	10.8	
	2.92	29.3	11.8	
	3.33	36.5	12.8	
	3.74	44.6	13.8	
	4.17	53.6	14.8	
	4.62	63.7	15.8	
3	4.95	71.4	16.4	
	5.42	83.0	17.4	
	5.88	95.3	18.4	
	6.35	108.3	19.4	
	6.83	122.1	20.4	
	7.32	137.3	21.4	
	7.84	154.1	22.4	
	8.39	172.7	23.4	
4	8.98	193.3	24.4	
	9.58	215.2	25.4	
	10.20	238.7	26.4	
	10.83	263.6	27.4	
	11.48	290.4	28.4	
	12.17	319.6	29.4	
	12.90	351.3	30.4	
	13.65	385.6	31.4	



Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
	14.45	422.8	32.4	
	15.29	463.3	33.4	
5	15.82	489.8	34.0	
	16.73	535.5	35.0	
	17.63	582.7	36.0	
	18.55	631.7	37.0	
	19.48	682.9	38.0	
	20.44	737.0	39.0	
	21.43	794.4	40.0	
	22.46	856.0	41.0	
	23.55	921.8	42.0	
	24.67	992.0	43.0	
	25.85	1066.9	44.0	
	27.07	1146.9	45.0	
	28.35	1232.6	46.0	
	29.70	1324.4	47.0	
	31.12	1423.1	48.0	
6	31.86	1475.7	48.5	
	33.30	1579.1	49.5	
	34.77	1687.2	50.5	
	36.29	1800.6	51.5	
	37.86	1920.2	52.5	
	39.50	2047.5	53.5	
	41.22	2183.6	54.5	
	42.12	2255.9	55.0	

## REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

Selected Rear Axle Gear Ratio(s):	5.29
Vehicle Vocation:	GENERAL ON HIGHWAY
Grade Ability UOM:	Percent
Road Surface Type:	TYPICAL
Enroute PTO:	NO
Transmission Mode:	Performance
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
Engine Fan Type:	VISCOUS
Fuel Economy UOM:	MPG
ID Wheel Slip Conditions:	Yes
Parked PTO:	NO
Road Governor/Cruise Ctrl:	No
Acceleration Grade (%):	0.0
Cruising Speed (MPH):	55.0
Alternator (A):	40
Relative Drag Coefficient:	85
Frontal Area (FT <sup>2</sup> ):	102
Air Compressor (HP):	2.20
Acceleration Vehicle Spd (MPH):	55.0
Requested GVW (LBF):	52000
Vehicle Height (IN):	114
Steering Gear (HP):	2.60
Air Conditioner (HP):	3.20
Weight on Drive Axle (LBF):	33153
Vehicle Width (IN):	96
Speed Limit on Route (MPH):	61.0
TIRE, FRONT	2 - RADIAL NORMAL
TIRE, REAR	8 - RADIAL NORMAL

Components

0002ARW	AXLE, FRONT NON-DRIVING {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity
0004SBC	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity
0005PSA	STEERING GEAR {Sheppard M-100} Power
0008GEY	ALTERNATOR {Leece-Neville 4962PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mounted
0012NSY	ENGINE, DIESEL {International MaxxFo 10} 350 HP, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, # 2 Bell Housing
0012THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed
0013AMB	TRANSMISSION, AUTOMATIC {Allison 3000_RDS_P} 4th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
0014GWE	AXLE, REAR, TANDEM {Meritor RT-40-145P} Single Reduction, 0.433" Wall Housing Thickness, 40,000-lb Capacity, Lube Pump, With R Wheel Ends, Driver Controlled Locking Differential in Forward Rear and Rear-Rear Axle
0016030	CAB Conventional
0016WKB	AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster
0016XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights
07482133264	TIRE, REAR 11R22.5 XDN2 (MICHELIN) 497 rev/mile, load range H, 16 ply 11R22.5 XDN2 (MICHELIN) 497 rev/mile, load range H, 16 ply
07482133269	TIRE, FRONT 11R22.5 XZE2 (MICHELIN) 501 rev/mile, load range H, 16 ply 11R22.5 XZE2 (MICHELIN) 501 rev/mile, load range H, 16 ply

**TCAPE HAS BEEN DESIGNED TO GIVE ECONOMY AND PERFORMANCE PREDICTIONS WHICH HAVE BEEN SHOWN TO BE TYPICAL FOR MOST OPERATIONS. HOWEVER, DUE TO OPERATING CONDITIONS, DRIVER INFLUENCES, AND OTHER FACTORS, YOUR RESULTS MAY VARY FROM THOSE PREDICTED. ALSO, BECAUSE OF FUEL MAPPING PROCEDURES USED BY VARIOUS ENGINE MANUFACTURERS, COMPARISONS OF FUEL ECONOMY RESULTS FOR DIFFERENT BRANDS OF ENGINES MAY VARY FROM THOSE SHOWN.**

NAVISTAR, INC. SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE, INTERRUPTION OF BUSINESS OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND THAT ARE INCURRED BY DEALER OR BY DEALER'S CUSTOMERS AS A RESULT OF RELIANCE ON TCAPE, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

**Description**

Base Chassis, Model 7500 SBA 6X4 with 228.00 Wheelbase, 160.90 CA, and 140.00 Axle to Frame.

TOW HOOK, FRONT (2) Inside Rail, Frame Mounted.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL

FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL

BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.189" Material Thickness

CROSSMEMBER, REAR, AF (01)

WHEELBASE RANGE 221" (560cm) Through and Including 262" (665cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; With Shock Absorbers

**Includes**

: SPRING PINS Rubber Bushings, Maintenance-Free

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

**Includes**

: BRAKE CHAMBERS, SPRING (4) Rear Parking

: BRAKE LINES Color and Size Coded Nylon

: DRAIN VALVE Twist-Type

: DUST SHIELDS, FRONT BRAKE

: DUST SHIELDS, REAR BRAKE

: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster

: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel

: PARKING BRAKE VALVE For Truck

: QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4

: SLACK ADJUSTERS, FRONT Automatic

: SLACK ADJUSTERS, REAR Automatic

: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4

DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Bendix AD-IP} With Heater

BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn

BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake

BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 8.625" Includes 30/30 Sq.In. Long Stroke Brake Chambers and Spring Actuated Parking Brake

AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity

AIR TANK Painted Aluminum, With Straight Thread O-Ring Ports

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR {Sheppard M-100} Power

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device, Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe

**Includes**

: NOTE: The Horizontal Tailpipe Includes a Temperature Control Device

**Description**

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

**Includes**

: BATTERY BOX Steel with Fiberglass Cover  
: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab  
: FUSES, ELECTRICAL SAE Blade-Type  
: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover  
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever  
: HEADLIGHTS (2) Sealed Beam Halogen, 5" X 7" Rectangular, with Chrome Plated Bezels  
: HORN, ELECTRIC Single  
: JUMP START STUD Located on Positive Terminal of Outermost Battery  
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light  
: RUNNING LIGHT (2) Daytime, Included With Headlights  
: STARTER SWITCH Electric, Key Operated  
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector  
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature  
: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted  
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever  
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted  
: WIRING, CHASSIS Color Coded and Continuously Numbered

CIGAR LIGHTER Includes Ash Cup

HORN, ELECTRIC (2)

POWER SOURCE Cigar Type Receptacle without Plug and Cord

ALTERNATOR {Leece-Neville 4962PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mounted

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {International} Maintenance-Free (3) 12-Volt 2775CCA Total

2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness

RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Dual Cone Speakers

**Includes**

: SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior  
: SPEAKERS IN CAB (4) Coaxial with Premium Interior

BACK-UP ALARM Electric, 102 dBA

TURN SIGNAL SWITCH With Hazard Flasher Overrides Brake, To be Done With Programming System Controller

SWITCH, AUXILIARY Interrupter; for Cab and Body Clearance/Marker Lights, Single Position Blinks Lights When Headlight Switch Is In "On" or "Off" Position

JUMP START STUD Remote Mounted

HORN, AIR Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail

SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

ENGINE SHUTDOWN Automatic; With 30 Second Delay, With International Engines

STARTING MOTOR {Delco Remy 39MT} 12 Volt; Gear Reduced, With Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

**Description**

FENDER EXTENSIONS Rubber

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 Emissions

PAINT SCHEMATIC, PT-1 Single Color, Design 100

**Includes**

: PAINT SCHEMATIC ID LETTERS "GN"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PAINT CLASS Premium Color.

KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys

KEYS,- ALL ALIKE, ID Z-250

CLUTCH Omit Item (Clutch & Control)

ENGINE, DIESEL {International MaxxForce 10} 350 HP, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, # 2 Bell Housing

**Includes**

: AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated

: COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control

: CRUISE CONTROL Electronic; Controls Integral to Steering Wheel

: ENGINE OIL DRAIN PLUG Magnetic

: ENGINE SHUTDOWN Electric, Key Operated

: FUEL FILTER Included with Fuel/Water Separator

: FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted

: GOVERNOR Electronic

: OIL FILTER, ENGINE Spin-On Type

: WET TYPE CYLINDER SLEEVES

FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed

**Includes**

: FAN Nylon

RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core With Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler

**Includes**

: ANTI-FREEZE Red Shell Rotella Extended Life Coolant -40F (-40C)

: DEAERATION SYSTEM with Surge Tank

: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps

: RADIATOR HOSES Premium, Rubber

FEDERAL EMISSIONS for 2004; for International HT570 Engines

AIR CLEANER Single Element

**Includes**

: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

FEDERAL EMISSIONS 2007 for International MaxxForce 9 & 10 Engines (DT570 & HT570)

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines

BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, With Provision in Oil Pan For a Dealer Installed Oil Pan Heater, With Extended Life Coated Oil Pan, for I6 Engines

**Description****Includes**

: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door

EXPANDED ENGINE TEMP EFFECTS to Allow Higher Engine Operating Temperature Range; Includes Nylon Surge Tank and 15 psi Pressure Cap

EMISSION COMPLIANCE 5 Min., Tamper-Proof Engine Shutdown System, Complies With California Clean Air Regulations, Does Not Certify Engine for Low-NOx Extended Idling

TRANSMISSION, AUTOMATIC {Allison 3000\_RDS\_P} 4th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

**Includes**

: OIL FILTER, TRANSMISSION Mounted on Transmission

: TRANSMISSION OIL PAN Magnet in Oil Pan

TRANSMISSION SHIFT CONTROL {Allison} T-Bar Type; for Allison 3000 & 4000 Transmission

SHIFT CONTROL PARAMETERS WT-Allison S-4 Economy Programming in Primary and Allison S-1 Performance Programming in Secondary

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring

AXLE, REAR, TANDEM {Meritor RT-40-145P} Single Reduction, 0.433" Wall Housing Thickness, 40,000-lb Capacity, Lube Pump, With R Wheel Ends, Driver Controlled Locking Differential in Forward Rear and Rear-Rear Axle . Gear Ratio: 5.29

SUSPENSION, REAR, AIR, TANDEM {Hendrickson PRIMAAX EX} 55" Axle Spacing; 46,000-lb Capacity, 9.0" Ride Height, With Shock Absorbers Mounted in Standard Location

**Includes**

: CROSSMEMBER, SUSPENSION 3-Piece

DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash

FUEL TANK (2) Top Draw; Dual D Style, Polished Aluminum, 100 U.S. Gal., Total 200 U.S. Gal., 756 L Capacity, 23.0" Tank Depth, Mounted Left & Right Side Under Cab

FUEL/WATER SEPARATOR With Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor

CAB Conventional

**Includes**

: ARM REST (2) Molded Plastic; One Each Door

: CLEARANCE/MARKER LIGHTS (5) Flush Mounted

: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window

: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel

: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted

: GLASS, ALL WINDOWS Tinted

: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side

: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color

: STEP (4) Two Steps per Door

GAUGE CLUSTER English With English Electronic Speedometer

**Includes**

: GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level

: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout

**Description**

: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

GAUGE, OIL TEMP, ALLISON TRAN

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

**Includes**

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

SEAT, PASSENGER {National 2000} Air-Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, Dual Shocks

**Includes**

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar

MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side; 6" x 10 1/4", With Bright Finish

MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Clearance Lights LED, Bright Heads and Brackets

SEAT BELT All Red; 1 to 3

ARM REST, LEFT, PASSENGER SEAT

INSTRUMENT PANEL Center Section, Ergonomic Panel

WINDOW, POWER (2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature

AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster

**Includes**

: FRESH AIR FILTER

: HEATER HOSES Premium

: REFRIGERANT Hydrofluorocarbon HFC-134A

FRESH AIR FILTER for HVAC

CAB INTERIOR TRIM Premium

**Includes**

: "A" PILLAR COVER Molded Plastic

: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering

: CAB SOUND INSULATION Includes Dash and Engine Cover Insulators

: CAB, INTERIOR TRIM, CLOSEOUT Lower Dash Closeout Panel; Molded Plastic; Under Instrument Panel Driver Side

: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, and Reading Lights

: COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side

: DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors

: FLOOR COVERING Rubber, Black

: GAUGE, TEMPERATURE, AMBIENT Includes Compass Readout and Wiring and Sensor With Display Unit Mounted in Cluster

: HEADLINER Soft Padded Cloth

: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section

: STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors

: SUN VISOR (3) Padded Vinyl, 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

CAB REAR SUSPENSION Air Bag Type

SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights



**Description**

WHEELS, FRONT DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

**Includes**

: WHEEL SEALS, FRONT Oil Lubricated, Includes Wheel Bearings

WHEELS, REAR DUAL DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.

**Includes**

: WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings

TIRE VALVE CAP Flo-Thru Design

COATING IDENTITY, REAR WHEELS {Accuride Accu-shield} Aluminum Disc Rear Wheels, With Vendor Applied Clear Coat; Not for Super Single Wide Base

COATING IDENTITY, FRONT WHEELS {Accuride Accu-shield} Disc Front Wheels; Aluminum, With Vendor Applied Clear Coat Not for Wide Base

WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil

(8) TIRE, REAR 11R22.5 XDN2 (MICHELIN) 497 rev/mile, load range H, 16 ply

(2) TIRE, FRONT 11R22.5 XZE2 (MICHELIN) 501 rev/mile, load range H, 16 ply

Cab schematic 100GN

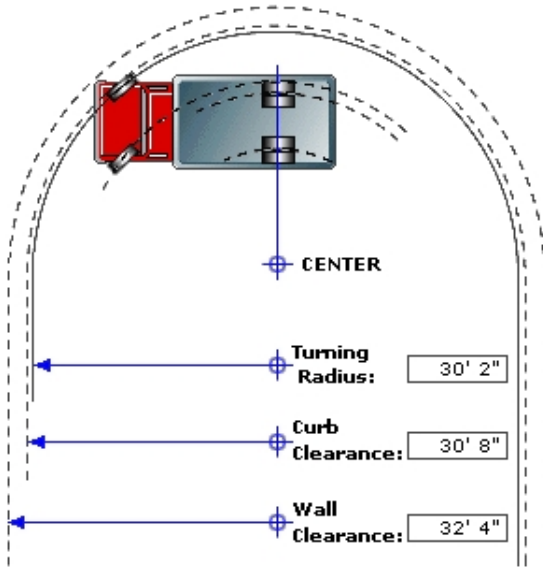
Location 1: 2023, Bright Red (Prem)

Chassis schematic N/A

ENGINE, DIESEL (0012NSY)  
ATTACHMENTS: 0004091 (BRAKE SYSTEM, AIR)

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
CUSTOMER PASSWORD	0000	N/A
MAX VEHICLE SPEED	77	MPH
CRUISE CONTROL - MIN VEHICLE SPEED	35	MPH
CRUISE CONTROL - MAX VEHICLE SPEED	77	MPH
VEHICLE RETARDER	OFF	N/A
PTO - MAX ENGINE SPEED	2000	RPM
PTO - PRESET ENGINE SPEED 1	1000	RPM
PTO - PRESET ENGINE SPEED 2	1500	RPM
PTO - RRAMP RATE	100	RPM/SEC
PTO - MAX VEHICLE SPEED	10	MPH
REMOTE PEDAL	NO	N/A
REMOTE PEDAL RETURN TO ZERO	RTZ-NOT	N/A
PTO - DISABLE IN CAB INTERFACE	NO	N/A
PTO - DRIVELINE MODE	NEUTRLOP	N/A
IDLE SHUTDOWN MODE	PTO_RUNS	N/A
IDLE SHUTDOWN TIME	15	MIN
SERVICE INTERVAL INDICATOR ENABLE	OFF	N/A

These Electronic Parameters have not been finalized



Series: 7000  
 Model: SF637  
 Description: 7500 SBA 6X4  
 Model Year: 2010

**Calculation Factors**

Wheelbase: 228  
 Front Axle: 0002ARW  
 Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity  
 Front Wheel: 0027DMC  
 Description: WHEELS, FRONT, DISC; 22.5" Polished Aluminum, 10-Stub (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs  
 Front Tire: 07482133269  
 Description: TIRES, 11R22.5 XZE2 (MICHELIN) 501 rev/mile, load range H, 16 ply  
 Steering Gear: 0005PSA  
 Description: STEERING GEAR, {Sheppard M-100} Power

**Turning Radius Statistics**

General Information

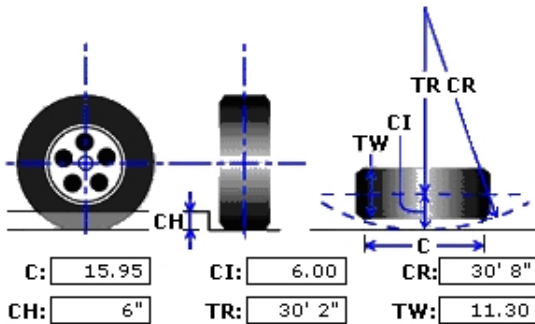
Inside Turn Angle: 50 Degrees  
 Radial Overhang: 26

Axle Information

KingPin Inclination: 6.25 Degrees  
 KingPin Center: 71.5

**Turning Radius - Curb View**

C - Curb Contact Length: 15.95  
 CI - Curb Clearance Increment: 6.00  
 CR - Curb Clearance Radius: 30'8"  
 CH - Curb Height: 6"  
 TR - Turning Radius: 30'2"  
 TW - Tire Width: 11.30



\* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

(USA DOLLAR)

Description

Price

No extended warranty chosen.

Total Warranty : \$0.00

(USA DOLLAR)

Description

Price

No body allied/equipment chosen.

Total Body Allied/Equipment: \$0.00

<u>Description</u>	(USA DOLLAR)	<u>Price</u>
Factory List Prices:		
Product Items	\$119,353.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$119,353.00
Freight Charge	\$1,650.00	
Total Freight:		\$1,650.00
Total Factory List Price Including Freight:		\$121,003.00
Less Customer Allowance:		(\$23,632.04)
Total Vehicle Price:		\$97,370.96
Total Sale Price:		\$97,370.96
Total Per Vehicle Sales Price:		\$97,370.96
Net Sales Price:		\$97,370.96

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
**Official Title and Date**

\_\_\_\_\_  
**Firm or Business Name**

\_\_\_\_\_  
**Authorized Signature**

\_\_\_\_\_  
**Authorized Signature and Date**

**This proposal is not binding upon the seller without Seller's Authorized Signature**

\_\_\_\_\_  
**Official Title and Date**