



1320 South 25th Street
Edinburg, TX 78539
(956) 289-7600
Fax (956) 383-6819

March 20, 2014

Governmental Contract Initiative (GOV-11-NJPA) with the National Joint Powers Alliance Contract – 060311-CAT.

Hidalgo County PCT #1
Raul Lozano
1902 Joe Stephens, Suite 101
Weslaco, TX 78596

Thank you for this opportunity to quote Caterpillar products for your business needs. We are pleased to quote the following for your purchase consideration.

ONE (1) New 2015 Cat Model CT660 Brush Truck with standard equipment in addition to the additional specifications listed in the attached detailed truck proposal.

NJPA Pricing

<u>BASE MODEL</u>	<u>PART#</u>	<u>LIST PRICE</u>
CT660	Tractor	\$134,811.38
<u>OPTIONS</u>		
Optional Truck Attachments		<u>\$ 9,011.66</u>
Sub-Total		\$143,823.04
*NJPA Member Discount 23%		(\$33,079.30)
Holt Competitive Allowance Discount 9.9%		<u>(\$14,238.48)</u>
Truck Price with Discounts Applied		\$96,505.26
<u>CUSTOMER NON-DISCOUNTABLE ITEMS</u>		
Freight		\$ 2,125.00
Emission Charge and Labels		\$ 8,000.00
		\$
OX Body 22' Trash Body		<u>\$ 16,986.00</u>
Sale Price Per Truck		\$123,616.26
TOTAL SALE PRICE FOR (1) TRUCK		\$123,616.26

Mark Brunnemann
Sales Representative
Direct (956) 289-7636
Cell (956) 330-0630
Mark.Brunnemann@holtcat.com



HOLT CAT Truck Center
 1320 South 25th Street
 Edinburg, TX 78539
 956-289-7600

Customer Proposal Letter

March 20, 2014

Thank you for the opportunity to earn your business.
 We look forward to working with you on your future business needs.
 Please accept the following proposal.

CUSTOMER: Hidalgo County PCT #1
ADDRESS: 1902 Joe Stephens, Suite 101
CITY, STATE, ZIP Weslaco, TX 78596

NJPA CONTRACT#
 060311-CAT

CONTACT: Raul Lozano
PHONE: 956-968-8733
FAX:

VEHICLE BUYER'S ORDER

Make CAT Model CT660 Year 2015 Stock Number TBD
 To be delivered on or about 14-16 Weeks Upon
 Vin # TBD Receipt of PO

ADDITIONAL VEHICLE & ACCESSORIES DESCRIPTION: Cat CT660 with OX Body 22' Trash Body

Quantity	<u>1</u>	
Truck Price Per Unit	<u>\$106,630.26</u>	<u>\$106,630.26</u>
Trash Body 20'	<u>\$16,986.00</u>	<u>\$16,986.00</u>
12% F.E.T. (Factory & Dealer Paid)	<u>N/A</u>	<u>N/A</u>
Net Sales Price	<u>\$123,616.26</u>	<u>\$123,616.26</u>
Optional Extended Warranty(ies)		
6.25% State Sales Tax		
License, License Transfer, Registration Fee		
Documentary Fee		
1% Emissions Fee		
Administration Fee		
.0024170% Vehicle Inventory Tax		
Additional Taxes		
Out of State Vehicle Fee		
Total Sales Price	<u>\$123,616.26</u>	<u>\$123,616.26</u>

Trade Allowance _____ *

* See DISCLAIMER below

Sales Representative _____
 signature

Mark Brunnemann
 printed name

Purchaser _____
 signature

 printed name

 title

 date

Quote good until 30 days

NOTES: Truck to include a Ox Body 22' Trash Body

DISCLAIMER: Any order based on this Proposal subject to Customer executing Dealer's standard for Retail Purchase Order Incorporating above terms. Any documentary fees, state tax, title registration and license fees subject to adjustment and change. Actual F.E.T. to be paid by Dealer, subject to adjustment. Any F.E.T. variance will be responsibility of Dealer. Manufacturer has reserved the right to change the price to Dealer of any vehicle not currently in Dealer's stock, without notice to Dealer. If Quoted Vehicle(s) not currently in Dealers stock, Dealer reserves right to change Quotation Total to reflect any price increases from Manufacturer. This Proposal is based upon Dealer's current and expected inventory, which is subject to change. Dealer is not obligated to retain any specific vehicles in stock or maintain any specific Inventory level. Deale shall not be obligated to fulfill Proposal in event quoted vehicle(s) not in stock or available within requested delivery schedule at time Proposal accepted. Dealer shall not be liable for any delay in providing or inability to provide Quoted Vehicle(s), where such inability or delay is due, in whole or in part, to any cause beyond the reasonable control of Dealer or is without the gross negligence or intended misconduct of Dealer. Above listed Trade Value based upon current appraisal of Trade Vehicle(s). Dealer may adjust Trade Value of Trade Vehicle(s) to reflect changes in condition and/or mileage of Trade Vehicle(s) between date of current appraisal and acceptance of this Proposal by Customer.



Quote Response Form

TRUCK BODIES & EQUIPMENT INTERNATIONAL, Inc.
 Ox Bodies | Crysteel | DuraClass | Rugby | J-Craft | Hardoe

TBEI - Ox Bodies
 719 Columbus Street East
 PO Box 886
 Fayette AL 35555
 800-844-2519

End User: UNKNOWN
 Customer: 104731
 MARK BRUNNEMMAN
 HOLT TRUCK CENTERS
 1320 SOUTH 25TH STREET
 EDINBURG TX 78539

Phone: 210-648-1111
 Fax: 956-383-6819

Taken By: Robert Fowler

Estimate	Terms	Quote Date	Expiration Date	Salesperson	Customer Currency
FA00050158	Net 30 Days	3/17/2014	4/16/2014	HOWARD, CHIP	USD

UM	Quantity	Item	Unit Price	Extended Price
EA	1.000	1714651 TRASH BODY 22' 5500DA INSTALL	14,256.00	14,256.00

Body Style: Trash Body
 Installed: Yes
 Body Length: 22
 Frame Style: 2 X 8 RT W/1.5 X 3 RT X-MEM 12" CL
 Side Type: Fixed
 Side Height: 48"
 Side Material: 10 Gauge - Solid
 Side Pockets: None
 Board Holder Height: None
 Rear Height: 48"
 Tailgate Type: Open at Center
 Tailgate Operation: Manual
 Tailgate Material: 10 Gauge
 Floor Material: 3/16" Plate
 Cab Guard: 10 Gauge, W/Window covered with X Metal - Standard
 Cab Sheild: None-Standard
 Cabshield Projection: 24"
 Tarp Style: Manual W/Arms
 Side Light Cutouts: Lower Front & Middle

STEEL CAB GUARD WITH WINDOW.

Cab Height Not Available
 Window Center Not Available
 Hydraulic Tank: W/HOIST
 Rear Hinge: Standard - Removable Pin
 Hoist: 5500 DA Crysteel Stingray
 Paint: Black
 Control Tower: 1248923 AS/CS MT
 Pump: W/HOIST
 PTO: 1265632-Manual Transmission, Double Gear
 Side Boards: None
 OD: 96" (95" X-MEM)
 Mud Flaps: 1266937-36" Mud Flaps Anti Sail W/Gravel Guard W/Lighted Tag Bracket
 Back Up Alarm: 1248915-Back-Up Alarm
 Light Kit: LIGHT KIT TRASH 22LG GENERIC INSTALL
 Bumper: ICC
 Truck Model: CAT
 Yardage: 1-1



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TBEI - Ox Bodies
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FA00050158	Net 30 Days	3/17/2014	4/16/2014	HOWARD, CHIP	USD

UM	Quantity	Item	Unit Price	Extended Price
EA	1.000	1714652 SEMI AUTO TARP KIT AL MESH 22FT W	870.00	870.00

Requested 01/14/14

Gross Sales:	15,126.00
Total Discounts:	0.00
Sale Amount:	15,126.00
Freight:	1,860.00
Sales Tax:	0.00
FET Charges:	0.00
Total Amount:	16,986.00



CT660S SBA 6x4

Sales Proposal For:
Hidalgo County PCT 1 - Brush Truck

Presented By:
HOLT TEXAS LTD.



March 18, 2014

Prepared For:
Hidalgo County PCT 1 - Brush Truck
Reference ID: Manual Transmis

Presented By:
HOLT TEXAS LTD.
Mark Brunnemann
3302 S W W WHITE RD
SAN ANTONIO TX 78222 - 4843
(210)648-8343

We are pleased to have the opportunity to offer the following proposal for the application you requested.

Model Profile
2015 CT660S SBA 6x4 (CF7AA)

APPLICATION:	Construction Dump
MISSION:	Requested GVWR: 54000. Calc. GVWR: 54600 Calc. Start / Grade Ability: 32.60% / 2.57% @ 55 MPH Calc. Geared Speed: 84.4 MPH
FUEL ECONOMY:	7.77 MPG @ 55 MPH
DIMENSION:	Wheelbase: 244.00, CA: 182.00, Axle to Frame: 65.00
ENGINE, DIESEL:	{CT 13} EPA 10, SCR, 390 HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 390 Peak HP (Max)
TRANSMISSION, MANUAL:	{Fuller FRO-14210C} 10-Speed Manual, With Overdrive, With Air Shift
CLUTCH:	{Eaton Fuller Easy-Pedal Advantage} Manual Adjust, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Damper, Mechanical Pull-Type Control, 1700 lb-ft Torque Capacity
AXLE, FRONT NON-DRIVING:	{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
AXLE, REAR, TANDEM:	{Meritor MT-40-14X-4DFR-P} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000- lb Capacity, R Wheel Ends, With Lube Oil Pump Gear Ratio: 4.11
CAB:	Conventional
TIRE, FRONT:	(2) 12R22.5 HSC1 (CONTINENTAL) 482 rev/mile, load range H, 16 ply
TIRE, REAR:	(8) 11R22.5 HDR2 (CONTINENTAL) 491 rev/mile, load range G, 14 ply
SUSPENSION, REAR, TANDEM:	{Hendrickson RT-403} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity With Rubber Center Bushings
PAINT:	Cab schematic 100KT Location 1: 9219, Winter White (Std) Chassis schematic N/A



Vehicle Specifications

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
CF7AA00	Base Chassis, Model CT660S SBA 6x4 with 244.00 Wheelbase, 182.00 CA, and 65.00 Axle to Frame.	\$134,811.38
1570	TOW HOOK, FRONT (2) Frame Mounted	\$372.38
1652	CROSSMEMBER, REAR Relocated to End of Frame	\$234.14
1CDH	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 12.250" x 3.380" x 0.375" (304.8mm x 85.6mm x 9.5mm); 543.0" (13793mm) Maximum OAL	\$0.00
1LBC	BUMPER, FRONT Multi-piece Stainless Steel	\$0.00
	<u>Includes</u> : FOG LIGHT OPENING (2) and with Rectangular Hole for Step	
1WVT	WHEELBASE RANGE 230" (585cm) Through and Including 285" (725cm)	\$1,090.23
2ASM	AXLE, FRONT NON-DRIVING (Meritor MFS-14-143A) Wide Track, I-Beam Type, 14,600-lb Capacity	\$1,099.08
3ACP	SUSPENSION, FRONT, SPRING Multileaf, Shackle Type; 16,000-lb Capacity; Less Shock Absorbers	\$16.34
	<u>Includes</u> : SPRING PINS Threaded	
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	\$0.00
	<u>Includes</u> : 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 : INVERSION VALVE Bendix SR-1 and Double Check Valve : 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 : SWITCH, AUXILIARY Interrupter for Cab Clearance/Marker Lights (Blinks Lights with Headlight Switch in "ON" Position); Instrument Panel Mounted	
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank	\$0.00
	<u>Includes</u> : DRAIN VALVE Mounted in Wet Tank	
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)	\$0.00
4EBS	AIR DRYER {Bendix AD-9} With Heater	\$0.00
	<u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab	
4ESX	BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn	\$0.00



Vehicle Specifications

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
4EVL	BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake	\$0.00
4JCJ	BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers	\$0.00
4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake	\$0.00
4SPM	AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM Capacity, Single Cylinder	\$0.00
5710	STEERING COLUMN Tilting and Telescoping	\$0.00
5PTB	STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power	\$1,047.23
5WBH	STEERING WHEEL {Caterpillar} 2-Spoke, 18" Diam., Dark Neutral, Leather Wrapped	\$0.00
7BJU	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe & Guard, Right Side, Cab Mounted	\$0.00
7WBA	TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust	\$84.21
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	\$119.15
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	\$0.00
	<u>Includes</u>	
	: BATTERY BOX Aluminum	
	: CIGAR LIGHTER Includes Ash Cup, Center Console Mounted	
	: FUSES, ELECTRICAL SAE Blade-Type	
	: HAZARD SWITCH Integral with Turn Signal Switch	
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever	
	: HEADLIGHTS (2) Composite with Halogen Projector Beam	
	: HORN, AIR Single, Chrome	
	: HORN, ELECTRIC Single	
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light	
	: READING LIGHT, CAB (2) with Individual Switches; One Above Each Door	
	: STARTER SWITCH Electric, Key Operated	
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector	
	: TURN SIGNAL FLASHER	
	: TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature	
	: TURN SIGNALS, FRONT Includes Integral Reflectors and Side Marker Lights; Fender Mounted	
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Steering Column Mounted	
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	
	: WIRING, CHASSIS Color Coded and Continuously Numbered	
8653	HORN, AIR Single, Located Under Cab	\$0.00
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord	\$0.00
8GGN	ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount	\$0.00
8MMJ	BATTERY SYSTEM {Caterpillar} (3) 12 Volt 2130CCA Total	\$0.00
8RMD	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	\$329.67
8RMG	ANTENNA BASE (2) Single Function, (1) for CB and (1) for Entertainment Radio, Without Splitter, Separate Lead-Ins, With CB Antenna Mounted on Left Mirror and AM/FM Antenna Mounted on Right Mirror	\$0.00
8VUK	BATTERY BOX Aluminum With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab	\$0.00



Vehicle Specifications

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
8WCK	POWER SOURCE, TERMINAL TYPE 2-Post	\$0.00
8WEZ	TURN SIGNAL SWITCH Self-Canceling	\$0.00
8WNH	RUNNING LIGHT (2) Daytime	\$0.00
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	\$0.00
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	\$88.69
9ASE	FRONT END Tilting Composite	\$0.00
	<u>Includes</u> : GRILLE SURROUND Brushed Stainless Steel	
9HAN	INSULATION, UNDER HOOD for Sound Abatement	\$143.62
9HBN	INSULATION, SPLASH PANELS for Sound Abatement	\$65.36
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	\$0.00
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	\$0.00
11MGZ	CLUTCH {Eaton Fuller Easy-Pedal Advantage} Manual Adjust, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Damper, Mechanical Pull-Type Control, 1700 lb-ft Torque Capacity	\$0.00
	<u>Includes</u> : CLUTCH RELEASE BEARING Greasable	
12KXN	ENGINE, DIESEL {CT 13} EPA 10, SCR, 390 HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 390 Peak HP (Max)	\$200.67
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed	\$0.00
12UBH	RADIATOR Aluminum; Welded, Front to Back Down Flow System, 1564 SqIn, 1572 SqIn Dual CAC, 1293 SqIn 3 Core LTR	\$0.00
12UNJ	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2014; CT13 Engines	\$8,000.00
12VBT	AIR CLEANER Single Element, Heavy Duty	\$0.00
12WBR	FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)	\$28.06
12WCX	HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Type	\$0.00
12WEG	COLD STARTING EQUIPMENT Automatic; With Engine ECM Control	\$0.00
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	\$0.00
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	\$0.00
13GHL	TRANSMISSION, MANUAL {Fuller FRO-14210C} 10-Speed Manual, With Overdrive, With Air Shift	\$544.67
	<u>Includes</u> : CLUTCH BRAKE Torque Limiting : FILL PLUG, MAGNETIC	



Vehicle Specifications

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
13WAP	TRANSMISSION LUBE PUMP for International, Fuller, Meritor or Spicer Transmissions; USE ONLY WHEN PUMP IS NOT INCLUDED STANDARD IN TRANSMISSION	\$278.64
13WGJ	OIL COOLER,MANUAL TRANSMISSION Water to Oil Type Included in Radiator End Tank (REQUIRES TRANSMISSION LUBE PUMP)	\$211.88
13WLB	TRANSMISSION OIL {EmGard 50W} Synthetic; 22 thru 33.99 Pints	\$101.23
13WVD	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Control Valve, Piping and Wiring, Wired for PTO	\$53.75
14862	PDL WARNING BUZZER Power Divider Lock	\$26.88
14GVU	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR-P} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, With Lube Oil Pump . Gear Ratio: 4.11 <u>Includes</u> : POWER DIVIDER LOCK Air Operated, Cab Control with Indicator Light in Cluster : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle	\$0.00
14UHD	SUSPENSION, REAR, TANDEM {Hendrickson RT-403} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity With Rubber Center Bushings <u>Includes</u> : CROSSMEMBER, SUSPENSION 5-Piece <u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	(\$311.54)
14WAL	SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions	\$171.10
14WLD	AXLE, REAR, LUBE {EmGard 75W-90} Synthetic Oil; 50 thru 64.99 Pints	\$153.94
15DYP	DEF TANK 9.5 U.S. Gal. 36.0L Capacity, Frame Mounted Outside Left Rail, Under Cab	\$0.00
15LKU	FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor	\$0.00
15SHC	FUEL TANK Non-Polished Aluminum, 24" Diam., 100 U.S. Gal., 378 L Capacity Left Side, Under Cab.	\$237.40
16031	CAB Conventional <u>Includes</u> : COAT HOOK, CAB Located on Rear Wall, Behind Passenger Seat : CONSOLE, CENTER Plastic, Driver Convenience with a Cup and Change Holder, Ash Tray and Lower Storage Area : DOME LIGHT, CAB (2) Driver and Passenger Dome Lights with Individual Switches, in Headliner : DOOR CHECK STRAP (2) One Each Door : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, EXTERIOR (2) Mounted Behind Driver and Passenger Doors : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : SKIN Riveted : STEP (4) Two Steps Per Door	\$0.00
16HBA	GAUGE CLUSTER English With English Electronic Speedometer	\$0.00



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2015 CT660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
16HGL	GAUGE, OIL TEMP, REAR AXLE	\$85.14
16JPC	SEAT, DRIVER {National 2000 Model 295} Air Suspension, Intermediate Back, All Vinyl, 2 Arm Rests, Isolator, 7" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 3 Position Rear Cushion, 2-15 Degree Back Angle Adjust, Vinyl Suspension Cover	\$0.00
16RAC	SEAT, PASSENGER {National 2000 Model 292} Non Suspension, Intermediate Back, All Vinyl, 11 Degree Back Angle Adjustment	\$484.65
16SKT	MIRRORS (2) {Lang Mekra} Aero; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostat Controlled, Amber Lens Clearance Light LED, Turn Signals, Black Painted Finish Heads, Brackets & Arms	\$4.30
16VRT	HEATER, ENHANCED CIRCULATION {Bergstrom} Control, for Extreme Cold Weather Climates	\$0.00
16VTH	CAB INTERIOR TRIM Premium Level; for Caterpillar, Day Cab	\$0.00
	<u>Includes</u>	
	: "A" PILLAR COVER Molded Plastic	
	: CAB INTERIOR TRIM PANELS Vinyl	
	: CONSOLE, OVERHEAD Molded Plastic with Three Storage Pockets; One with Strap for CB Radio Mounting; Two with Netting, Courtesy Lights with Switches	
	: COURTESY LIGHT (2) Driver and Passenger Door Mounted	
	: DOOR TRIM PANELS Vinyl Upper with Power Locks and Windows, Upper and Lower Grab Handles, Both Sides	
	: FLOOR COVERING Rubber, Black	
	: HEADLINER Soft Padded Vinyl	
	: HEATER BOX Metal, Painted Black	
	: INSTRUMENT PANEL TRIM Vinyl	
	: MIRROR, CONVEX, LOOK DOWN Black Finish; 6" x 10-1/4"; Located on Passenger Side	
	: STORAGE POCKET, DOOR (2) Driver and Passenger Door	
	: SUN VISOR (2) Vinyl with Molded Toll Ticket Retainer	
16VZA	WINDOW, REAR 52.25" Wide	\$0.00
16WAK	WINDOW, POWER (2) in Left and Right Doors	\$0.00
16WJG	CAB DOOR LOCKS Power	\$0.00
16WKB	AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster	\$0.00
16WKR	WINDSHIELD Single Piece	\$0.00
16WLD	CAB REAR SUSPENSION {Link Z9079D1} Dual Frame Mounted Cab Rear Air Suspension; Includes Special Crossmember Assembly	\$0.00
16XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights	\$0.00
16ZDU	GRAB HANDLE Exterior; Towel Bar Type In Lieu Of Non-Bright Grab Handles; for use with Cab or Cab/Sleeper Non-Bright Access, Without Frame Access or Chassis Skirts	\$29.03
27DMD	WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Aluminum Hubs	\$210.70
28DMD	WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Aluminum Hubs.	\$502.24
29WLA	WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil	\$21.50
7372135423	(8) TIRE, REAR 11R22.5 HDR2 (CONTINENTAL) 491 rev/mile, load range G, 14 ply	\$810.96
7382155419	(2) TIRE, FRONT 12R22.5 HSC1 (CONTINENTAL) 482 rev/mile, load range H, 16 ply	\$476.36



Vehicle Specifications

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

Code

Description

List

(US DOLLAR)

Total of Product Features

\$151,823.04

Total List Price Including Options:

\$151,823.04



Electronic Parameters Summary

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)
ENGINE, DIESEL (0012KXN)

ATTACHMENTS: 0016HBA (GAUGE CLUSTER) 0015LKU (FUEL/WATER SEPARATOR) 0012WEG (COLD STARTING EQUIPMENT) 0012THT (FAN DRIVE)

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Accelerator Vehicle Speed:7902	75	MPH
Vehicle Speed Limiter Override:7911	0, DISABLE FEATURE OR FUNCTION	N/A
VSLO Speed Increment:7912	10	MPH
VSLO Maximum Activation Time:7914	30	MIN
VSLO Time Interval to Reset:7915	8.0	HOURS
VSLO Time Duration Source:7934	1, INTERVAL BASED ON REAL TIME CLOCK	N/A
Progressive Shift Enable:7744	0, DISABLE FEATURE OR FUNCTION	N/A
Low Gear Ratio Break Point:7742	5.825000	N/A
High Gear Ratio Break Point:7743	1.643500000	N/A
Low Gear Engine Speed Limit:7738	1550.0	RPM
High Gear Engine Speed Limit:7739	1600.0	RPM
Low Gear Engine Speed Range:7740	200.0	RPM
High Gear Engine Speed Range:7741	200.0	RPM
Min Gear Ratio for ProShift:7755	0.50	N/A
Gear Down Protection Enable:7714	0, DISABLE FEATURE OR FUNCTION	N/A
Top Gr Minus 2 Light Ld VS Lim:7715	33	MPH
Top Gr Minus 1 Light Ld VS Lim:7716	44	MPH
Top Gr Minus 2 Heavy Ld VS Lim:7735	36	MPH
Top Gr Minus 1 Heavy Ld VS Lim:7736	49	MPH
Driver Reward Enable:7918	0, DISABLE FEATURE OR FUNCTION	N/A
Driver Reward Mode:7930	2, BOTH ACCELERATOR AND CRUISE VEHICLE SPEED LIMIT INCREASE	N/A
Driver Reward Performance Crit:7925	0, FUEL ECONOMY BASED REWARD SYSEM	N/A
Fuel Economy - Expected Level:7921	6.00	MPG
Fuel Economy - Good Level:7920	6.25	MPG
Fuel Economy - Excellent Level:7919	6.40	MPG
% Idle Time - Expected Level:7924	25	%
% Idle Time - Good Level:7923	18	%
% Idle Time - Excellent Level:7922	10	%
Driver Reward Ambient Temp H:7938	150.0	C
Driver Reward Ambient Temp L:7939	-40.0	C
VS Lim Increase - Expected Lvl:7926	0	MPH
VS Lim Increase - Good Lvl:7927	2	MPH
VS Lim Increase - Excel Lvl:7928	4	MPH
VS Lim Decrease - Penalty Lvl:7929	-2	MPH
Idle Engine Speed:8202	600.0	RPM
Idle Speed Adjustment Enable:8215	1, ENABLE FEATURE OR FUNCTION	N/A
Idle Spd Adjust - Max Eng Spd:8212	0.0	RPM
Idle Spd Adjust - Bump Step:8216	5.0	RPM
Idle Spd Adjust Ramp Rate:8211	25	RPM/SEC
Maximum Standstill Eng Speed:7753	2100.0	RPM
Idle Shutdown Mode:7400	0, DISABLE FEATURE OR FUNCTION	N/A
ISD Time w/Park Brk Released:7401	15.0	MIN
ISD Time w/Park Brake Set:7404	5.0	MIN
ISD Latched Driver Override En:7407	0, DISABLE FEATURE OR FUNCTION	N/A
ISD Ambient Temp Override En:7408	0, DISABLE FEATURE OR FUNCTION	N/A
ISD Int Amb Temp Enable:7405	0, DISABLE FEATURE OR FUNCTION	N/A
ISD Max Ambient Temp Override:7402	20.0	C
ISD Int Amb Temp Override:7406	15.0	C
ISD Min Ambient Temp Override:7403	5.0	C
ISD Max Engine Coolant Temp:7412	150.0	C
ISD Min Engine Coolant Temp:7413	16.0	C
ISD Idle Shutdown Max Eng Trq:7409	80	%
Cruise Control Enable:7600	1, ENABLE FEATURE OR FUNCTION	N/A



Electronic Parameters Summary

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

CC Max Vehicle Speed:7604	75	MPH
CC Min Vehicle Speed:7603	25.0000	MPH
AESC Control:7500	0, DISABLE FEATURE OR FUNCTION	N/A
AESC In-cab Mode:7502	2, VARIABLE ENGINE SPEED CONTROL SELECTED	N/A
AESC Min Engine Speed:7522	600.0	RPM
AESC Max Engine Speed:7508	1500.0	RPM
AESC Preset Engine Speed 1:7505	800.0	RPM
AESC Preset Engine Speed 2:7506	900.0	RPM
AESC Preset Engine Speed 3:7514	1000.0	RPM
AESC Preset Engine Speed 4:7515	1100.0	RPM
AESC Preset Engine Speed 5:7516	1200.0	RPM
AESC Preset Engine Speed 6:7517	1300.0	RPM
AESC Activate at Preset Speed:7528	0, NO PRESET PRESELECTION	N/A
AESC Ramp Up Rate:7507	100.00	RPM/SEC
AESC Ramp Down Rate:7524	100.00	RPM/SEC
AESC Bump Up/Down Step:7525	25.0	RPM
AESC In-cab Operator Interface:7503	0, NO (OFF) OR DISABLE	N/A
AESC Disable w/ Clutch Pedal:7510	1, ENABLE FEATURE OR FUNCTION	N/A
AESC Disable w/ Brake Pedal:7511	1, ENABLE FEATURE OR FUNCTION	N/A
AESC Accel Pedal Mode:7513	1, AESC OVERRIDDEN BY ACCELERATOR PEDAL	N/A
AESC Max Engine Load:7519	100.0000	%
AESC Control to Engine Load:7530	0, KICK OUT OF AESC ABOVE PROGRAMMED LIMIT	N/A
AESC Max Engine Load Time:7527	8	SEC
AESC Vehicle Speed Limit:7521	5.0000	MPH
AESC Max Mobile Veh Spd:7501	5	MPH
AESC Eng Spd Limit w/VSS Fault:7518	1500	RPM
AESC Force Fan On:9007	0, DISABLE FEATURE OR FUNCTION	N/A
AESC Park Brake Override:7534	1, ENABLE FEATURE OR FUNCTION	N/A
AESC Transfer Case Signal Mode:8910	0, DRIVELINE	N/A
AESC Splitshaft Veh SPD Dsply:9307	0, SPEED SENSOR LOCATED IN WHEEL RIM	N/A
AESC Remote Accel Pedal Enable:7504	0, DISABLE FEATURE OR FUNCTION	N/A
AESC Remote Accel Pedal Switch:8914	0, DISABLE FEATURE OR FUNCTION	N/A
AESC Accel Max Eng Spd Ovrd:7520	1900.0	RPM
Rem Accelerator Switch Input:9929	1, SAE J1939 MULTIPLEXED	N/A
Preset Remote AESC Input Type:9932	0, DISCRETE (HARDWIRED) INPUT	N/A
Variable Remote AESC Input:9933	0, DISCRETE (HARDWIRED) INPUT	N/A
Rem Accelerator Position Input:9935	1, SAE J1939 MULTIPLEXED	N/A
Engine Protection Mode:7700	2, TWO WAY SHUTDOWN (OIL PRES, WATER TEMP)	N/A
Powertrain Protection Enable:7722	0, DISABLE FEATURE OR FUNCTION	N/A
Highest Gear of Low Range:7718	2	N/A
Highest Gear Rat of Low Range:7745	6.00	N/A
Highest Gear of Int. Range:7748	4	N/A
Highest Gear Rat of Int. Range:7746	4.00	N/A
Highest Gear of High Range:7749	6	N/A
Highest Gear Rat of High Range:7747	2.00	N/A
Max Torque in Low Gear Range:7713	1450.0000	LB-FT
Max Torque in Int. Gear Range:7750	1450.0000	LB-FT
Max Torque in High Gear Range:7751	1450.0000	LB-FT
VSS Anti-Tamper Max Eng Speed:7901	1319.6	RPM
Auxillary Shutdown Input Type:9931	0, DISCRETE (HARDWIRED) INPUT	N/A
Veh Speed Sensor Antitampering:7905	0, DISABLE FEATURE OR FUNCTION	N/A
Veh Overspd Threshold Level 1:7723	85.000000	MPH
Veh Overspd Threshold Level 2:7724	87.000000	MPH
Service Interval Enable	0, DISABLE FEATURE OR FUNCTION	N/A
Fuel Used Service Interval:9501	0	GALLONS
Engine Hour Service Interval:9502	0	HOURS
Veh Distance Service Interval:9503	0	MILES
Service Soon Percent to Notify:9507	90	%
Customer Unit Number:6605	0	N/A



Electronic Parameters Summary

March 18, 2014

2015 CT660S SBA 6x4 (CF7AA)

Hard Braking Incident Counter:8904
Hard Braking Decel Threshold:8905
Vehicle Over-speed Indicator:7754
Customer Password:8700

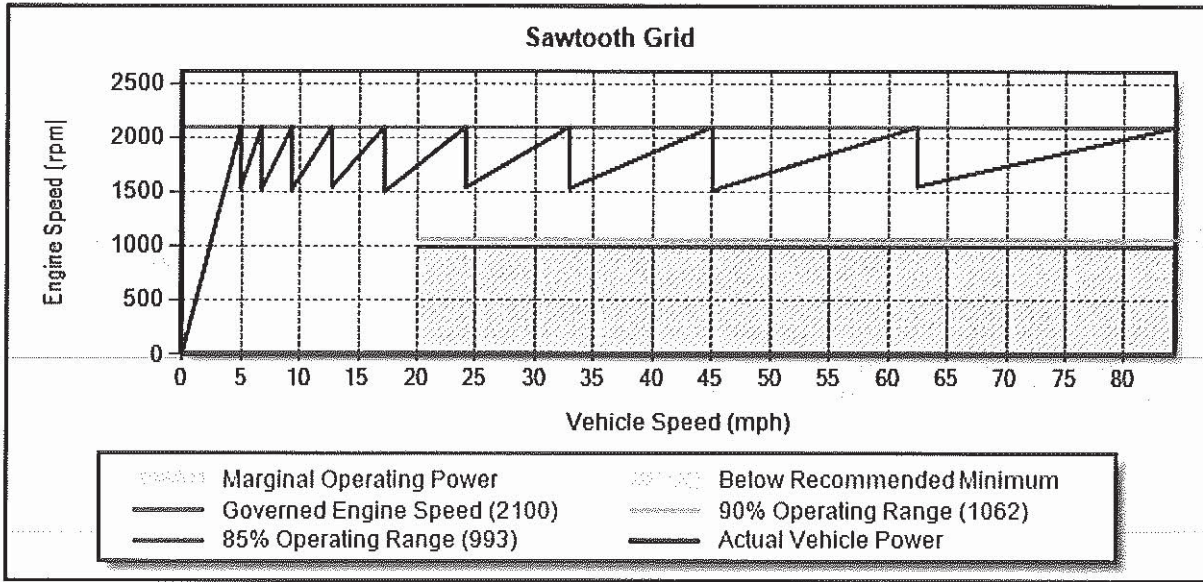
1, ENABLE FEATURE OR FUNCTION
7.40
0, FEATURE OR FUNCTION IS DISABLED
00000000

N/A
MPH/SEC
N/A
N/A

These Electronic Parameters have been successfully finalized



2015 CT660S SBA 6x4 (CF7AA)
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 (%)	
1	12.69	0.0	0	4.9	2100	36.6	111	98	
2	9.29	4.9	1537	6.7	2100	37.6	111	98	
3	6.75	6.7	1526	9.3	2100	37.8	111	98	
4	4.90	9.3	1524	12.7	2100	35.4	111	98	
5	3.62	12.7	1551	17.2	2100	39.8	111	98	
6	2.59	17.2	1502	24.1	2100	36.3	111	98	
7	1.90	24.1	1541	32.9	2100	37.0	111	98	
8	1.39	32.9	1533	45.0	2100	38.7	111	98	
9	1.00	45.0	1514	62.4	2100	35.1	111	98	
10	0.74	62.4	1554	84.4	2100	0.0	111	98	



2015 CT660S SBA 6x4 (CF7AA)
STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	10	81.4	2025	4.19	0.00	
HI GEAR SPEED @ RATED RPM	----	----	----	----	----	
55.0 MPH STEADY-STATE	10	55.0	1369	7.77	2.57	- 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 : 0.50 GALS/HR @ 600 RPM

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

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	4.15	6.13	6.86	
AVERAGE MPH	18.61	39.52	54.57	
MISSION MINUTES	30.4	52.4	173.5	

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



2015 CT660S SBA 6x4 (CF7AA)
GRADEABILITY PERFORMANCE

Grade Ability Table

Gear	Trans Ratio	Gear Step	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Msg	Start Grade (%)	Notes
1	12.69	36.6	1.9	800	107.5	42.60		32.60	- Calculated Start Ability
			2.3	1000	157.5	51.90	@		
			4.9	2100	285.0	43.10			
2	9.29	37.6	2.6	800	108.4	30.00		20.00	
			3.2	1000	215.2	51.90	@		
			4.9	1537	330.8	51.90	@		
3	6.75	37.8	6.7	2100	287.2	30.30		11.30	
			3.5	800	109.1	21.30			
			4.4	1000	249.8	42.00			
4	4.90	35.4	9.2	2100	288.9	21.50		5.20	
			4.9	800	109.5	15.20			
			6.1	1000	250.9	29.20			
5	3.62	39.8	9.2	1524	342.1	25.80		1.00	
			12.7	2100	289.9	15.30			
			6.6	800	109.8	11.00			
6	2.59	36.3	8.2	1000	251.7	21.10			
			12.7	1551	345.1	18.40			
			17.2	2100	290.5	11.00			
7	1.90	37.0	11.5	1000	252.2	14.70			
			17.2	1502	341.8	13.10			
			24.1	2100	290.8	7.60			
8	1.39	38.7	15.6	1000	252.4	10.50			
			24.1	1541	345.1	9.20			
			32.9	2100	290.6	5.20			
9	1.00	35.1	32.9	1533	344.3	6.30			
			45.0	2100	289.9	3.20			
10	0.74	0.0	45.0	1514	346.8	4.10			
			62.4	2100	291.8	1.40			
			62.4	1554	342.0	2.00			
			73.8	1838	348.5	1.00			
			77.8	1938	330.8	0.50			
			81.4	2025	307.0	0.00			
			84.4	2100	283.6	-0.40			

STARTING / TOP GEAR PERFORMANCE

Gear	Trans Ratio	Gear Step	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Msg	Start Grade (%)	Notes
1	12.69	36.6	1.9		107.5	42.60		32.60	
2	9.29	37.6	2.6		108.4	30.00		20.00	
3	6.75	37.8	3.5		109.1	21.30		11.30	
4	4.90	35.4	4.9		109.5	15.20		5.20	
5	3.62	39.8	6.6		109.8	11.00		1.00	

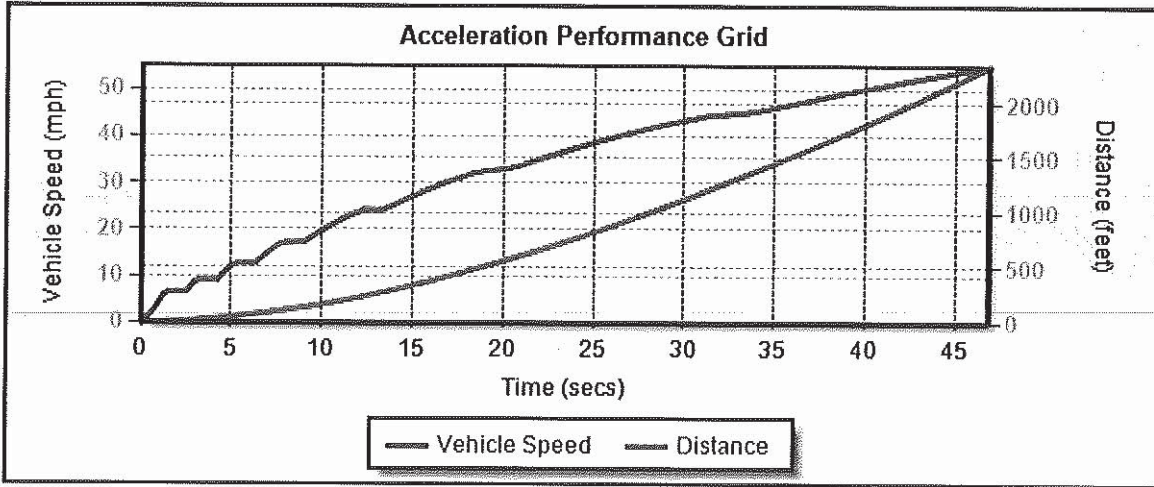
@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

SOME OF THE GEARS SHOWN MAY NOT BE USED IN THE ECONOMY SIMULATION.



2015 CT660S SBA 6x4 (CF7AA)
ACCELERATION PERFORMANCE RESULTS

Acceleration Performance Grid



Acceleration Performance: TIME TO ACCELERATE ON A 0.00% GRADE TO 55.0 (MPH) IS 46.89 (SECS)

Acceleration Performance Details

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
2	0.27	0.2	1.0	
	0.55	0.8	2.0	
	0.76	1.6	3.0	
	0.92	2.4	4.0	
	1.08	3.5	5.0	
	1.26	4.9	6.0	
	1.53	7.5	6.7	
3	2.53	17.2	6.6	
	2.72	19.2	7.6	
	2.94	21.9	8.6	
	3.23	25.6	9.2	
4	4.23	39.0	9.1	
	4.45	42.3	10.1	
	4.70	46.1	11.1	
	4.99	51.0	12.1	
5	5.29	56.5	12.7	
	6.29	75.1	12.6	
	6.58	80.7	13.6	
	6.89	87.1	14.6	
	7.22	94.4	15.6	
6	7.60	103.4	16.6	
	7.97	112.5	17.2	
	8.97	137.7	17.1	
	9.35	147.6	18.1	
	9.75	158.5	19.1	
	10.17	170.4	20.1	
	10.61	183.7	21.1	
11.08	198.7	22.1		
11.61	216.1	23.1		
12.21	237.0	24.1		
12.24	238.0	24.1		
13.24	273.2	23.9		



2015 CT660S SBA 6x4 (CF7AA)

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
7	13.77	292.2	24.9	
	14.32	312.7	25.9	
	14.89	334.8	26.9	
	15.48	358.5	27.9	
	16.10	384.2	28.9	
	16.75	412.6	29.9	
	17.47	444.5	30.9	
	18.26	480.8	31.9	
	19.10	520.9	32.9	
	20.10	569.0	32.6	
8	20.86	605.8	33.6	
	21.64	644.8	34.6	
	22.44	686.1	35.6	
	23.26	729.7	36.6	
	24.11	776.0	37.6	
	24.99	824.9	38.6	
	25.90	877.4	39.6	
	26.87	934.3	40.6	
	27.90	996.6	41.6	
	29.02	1065.7	42.6	
9	30.24	1142.9	43.6	
	31.58	1229.8	44.6	
	32.26	1274.4	45.0	
	33.26	1340.2	44.7	
	34.41	1416.8	45.7	
	35.60	1497.3	46.7	
	36.82	1581.6	47.7	
	38.07	1670.2	48.7	
	39.36	1763.3	49.7	
	40.69	1861.2	50.7	
42.06	1964.1	51.7		
43.47	2072.4	52.7		
44.93	2186.8	53.7		
46.47	2308.8	54.7		
46.89	2342.5	55.0		



2015 CT660S SBA 6x4 (CF7AA)
REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

Table with 2 columns: Factor Name and Value. Factors include Selected Rear Axle Gear Ratio(s), Vehicle Vocation, Road Surface Type, Enroute PTO, Fuel Economy Route, ID Wheel Slip Conditions, Engine Fan Type, Parked PTO, Road Governor/Cruise Ctrl, Acceleration Grade (%), Alternator (A), Frontal Area (FT2), Acceleration Start Gear, Air Compressor (HP), Vehicle Height (IN), Steering Gear (HP), Air Conditioner (HP), Weight on Drive Axle (LBF), Acceleration Vehicle Spd (MPH), Speed Limit on Route (MPH), Vehicle Width (IN), Relative Drag Coefficient, TIRE, FRONT, and TIRE, REAR.

Components

Table with 2 columns: Component ID and Description. Components include AXLE, FRONT NON-DRIVING, AIR COMPRESSOR, STEERING GEAR, ALTERNATOR, ENGINE, DIESEL, FAN DRIVE, TRANSMISSION, MANUAL, AXLE, REAR, TANDEM, CAB Conventional, AIR CONDITIONER, SUNSHADE, EXTERIOR, TIRE, REAR, and TIRE, FRONT.

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.

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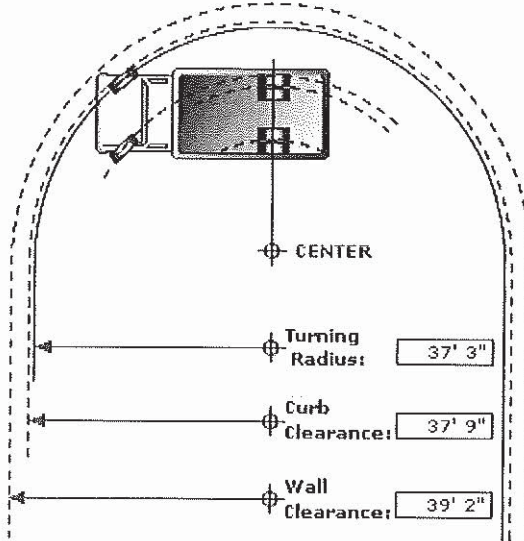


2015 CT660S SBA 6x4 (CF7AA)

Series: CAT
 Model: CF7AA
 Description: CT660S SBA 6x4
 Model Year: 2015

Calculation Factors

Wheelbase: 244
 Front Axle: 0002ASM
 Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
 Front Wheel: 0027DMD
 Description: WHEELS, FRONT, DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Aluminum Hubs
 Front Tire: 07382155419
 Description: TIRES, 12R22.5 HSC1 (CONTINENTAL) 482 rev/mile, load range H, 16 ply
 Steering Gear: 0005PTB
 Description: STEERING GEAR, (2) {Sheppard M-100/M-80} Dual Power



Turning Radius Statistics

General Information

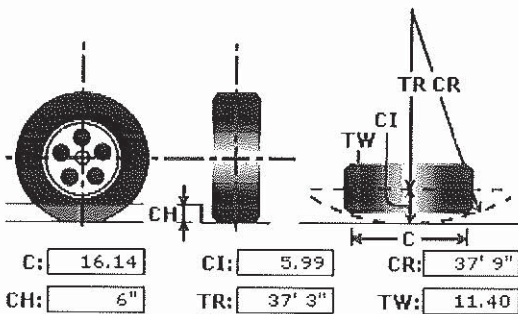
Inside Turn Angle: 40 Degrees
 Radial Overhang: 23

Axle Information

KingPin Inclination: 6.25 Degrees
 KingPin Center: 71.5

Turning Radius - Curb View

C - Curb Contact Length: 16.14
 CI - Curb Clearance Increment: 5.99
 CR - Curb Clearance Radius: 37'9"
 CH - Curb Height: 6"
 TR - Turning Radius: 37'3"
 TW - Tire Width: 11.40



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Neither Caterpillar nor its suppliers can accept liability for consequences due to this variance.