



**CATERPILLAR**



**CAT**



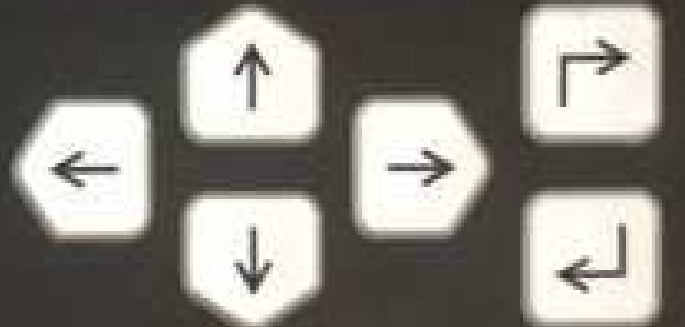
BATT VOLTAGE 27.3 V  
 ENGINE HRS 5011.0







**RUN**      **AUTO**      **STOP**



⏏



~V



💡



⏪



⏏



Hz



|            |          |
|------------|----------|
| PRESSURE   | 79       |
| PLANT TEMP | 169      |
| LINE SPEED | 1798 RPM |

T VOLTAGE

27.2

ME HRS

581

0 Psi

180°F

25.7 W

V

0 RPM

5811.2 hrs

DIPPED

|            |            |      |
|------------|------------|------|
| 83 Psi     | 149°F      | 27.2 |
| 798 rpm    | 5811.0 hrs |      |
| UNFINISHED |            |      |











No Smoking

DIESEL FUEL













**CAT**

Fuel/Water  
Separator  
135-5673

135-5673

135-5673



SER NO MJE00472

ENGINE MODEL C27

CERT NO

ENGINE SALES MODEL

MODIFICATION NO

WTA 2428 M  
ALT 7399 FT

AR NO 2671232

ELECTRONICS OP

CORE AR

ECM SOFTWARE 345-9194

OEM NO

PERF SPEC 0K7490

FLS (INTERCEPT) 28

PTS (SLOPE) -30

ADV 1105 HP 824.0 kW MAX HP kW

USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS

44-288-1000-110000



15000  
15000  
15000

15000  
15000  
15000





**CAT**

**C27 ACERT**







100

10

20

20

AIR SWITCH

ALTERNATOR

STARTER

AIR POWER

ETM

FREE  
01570



**BATTERY CHARGER**

BATTERY AND CONTROLS DEPT.

**MASTER CONTROL SYSTEMS, INC.**

PO BOX 101 19021 26-13-14  
19021 26-13-14  
19021 26-13-14  
19021 26-13-14  
19021 26-13-14  
19021 26-13-14

MADE IN U.S.A.  
MADE IN U.S.A.  
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MADE IN U.S.A.  
MADE IN U.S.A.  
MADE IN U.S.A.

325 325  
325 325



325 325





MJE00472

CATERPILLAR INC

EMISSION CONTROL INFORMATION

ENGINE MODEL **C27**

DISPLACEMENT **27.0** L

VALVE LASH **0.38**

mm INTAKE **0.75**

mm EXH

MAXIMUM  
ADVERTISED  
kW (HP)

(1214)

MAXIMUM  
RATED SPEED  
(RPM)

2100

MAXIMUM  
LOW IDLE  
SPEED (RPM)

1200

MAXIMUM FUEL  
RATE

@ MAXIMUM  
(mm<sup>3</sup> / STROKE)  
332

MAXIMUM  
INITIAL TIMING  
DEGREES BTDC

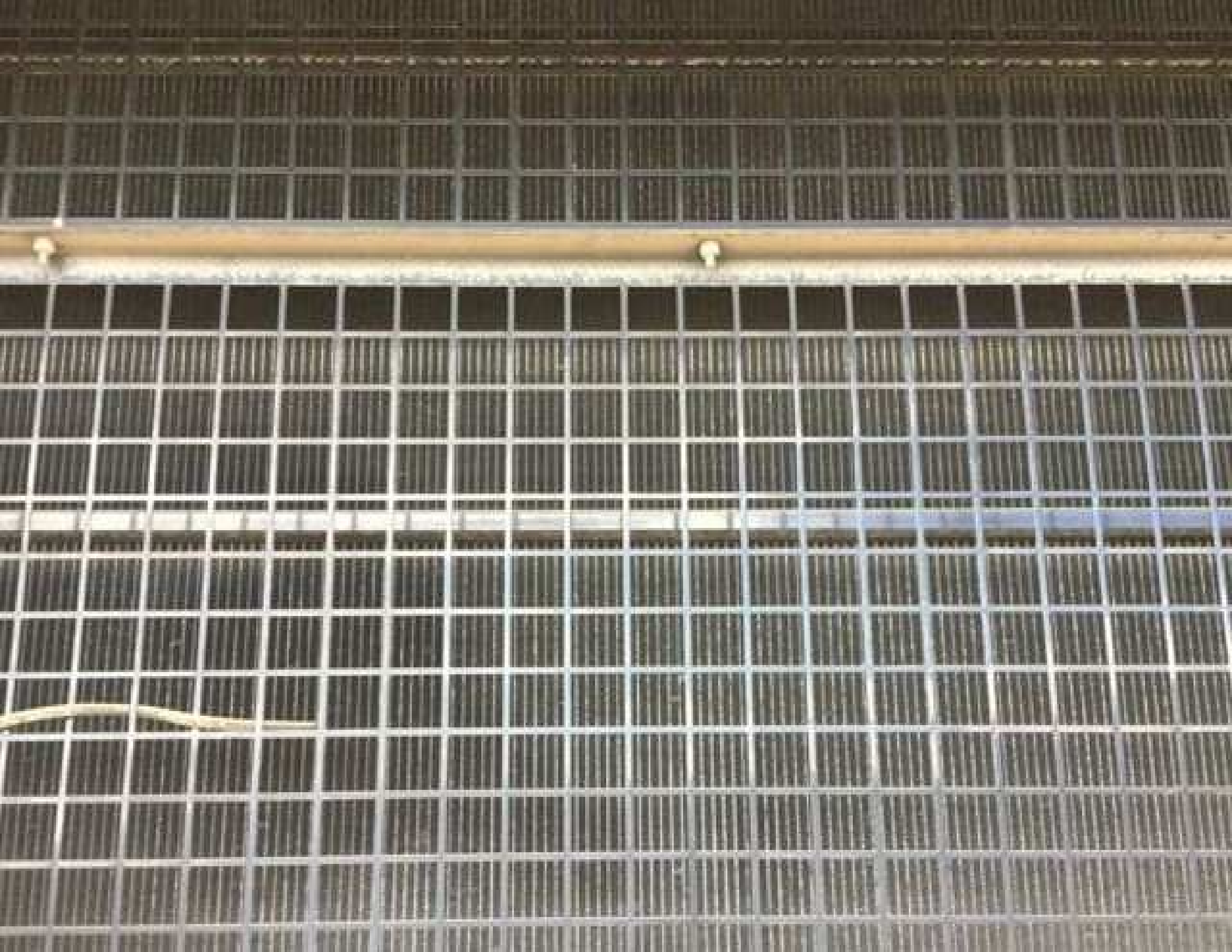
ELECTRONIC

EXH  
FM  
CONTROL

EM, DI, T

ENGINE CONFORMS TO 2007 U.S. EPA AND CALIFORNIA REGULATIONS LARGE NONROAD COMPRESSION IGNITION ENGINE  
CERTIFIED TO OPERATE ON COMMERCIALY AVAILABLE DIESEL FUEL









|     |     |      |      |   |
|-----|-----|------|------|---|
| V   | 482 | V    | L-L  | 0 |
| 0.0 | Hz  | 1.00 | LAGG | 0 |
| 0.0 | kW  | 0    | 0    | 0 |

L V 483 . 482 4  
A 0 0

60.0 Hz

|    |   |     |     |    |
|----|---|-----|-----|----|
| -N | V | 278 | 279 | 27 |
|    | A | 0   | 0   |    |

60.0 Hz

kWh

5275

kVAh

743

RESET ENGY MTRS



STOP

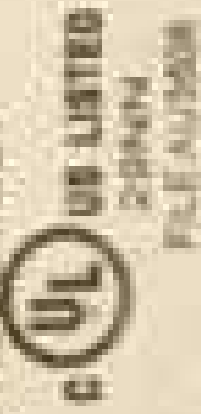


240 480

136-6643

\* AFR01255 \*

|  |            |   |
|--|------------|---|
| GENERATOR MODEL  | SR4B       | COMPLIES WITH<br>BS6000 PART 2<br>NEMA MG1-22<br>IEC 34-1<br>ISO 8528-3 |
| SERIAL NUMBER  | *AFR01255* |   |
|  |            |   |
| ARRANGEMENT NUMBER   | 136-6580   |   |
| MADE IN  | USA        | (W 1843-4)  |



Engine Model: **C37** Year: **2007**

kW: **718**    kVA: **834**    COS φ: **80**    Hertz: **60**  
 X: **Prime**    Standby: **Continuous**

**Generator Data**  
**Generator Data Description**

3 Phase: **~**    12 Wire: **Delta**  
 X: **100V**    Parallel: **Parallel**  
 X: **Series**  
 Generator: **480**    Volts: **1081**    Amperes  
 Sub-Transient X<sub>D</sub>: **0.1484** Per Unit    0.3357 Ohms  
 Transient X<sub>D</sub>: **0.2957** Per Unit    0.6523 Ohms  
 Regulation: **48**    Volts: **4.7**    Amperes  
**525**    Frame: **1800**    Rev/Min  
 Maximum Temperature Rise: **100** °C By Resistance  
**40** °C Ambient    1000    Meters Above  
 Class: **M**    Insulation:

Excitation Type:

Include Serial Number and Generator Part Number from generator  
 serial number plate when ordering parts and accessories.

Gen 659    APPROVED    800-678-0100



**CATERPILLAR**

**DANGER**  
**DANGER**  
**DANGER**



CATERPILLAR

3000









6 UTAH 203429Z









8  
LEVEL





13'6"





Blue label with illegible text, possibly a warning or identification tag.

141458







136





MANUFACTURED BY



1000 Sagamore Parkway  
Lafayette, Indiana 47901

Phone: (317) 448-1111

DATE OF MFG.

GVWR

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL STANDARDS  
IN EFFECT ON DATE OF MANUFACTURE SHOWN ABOVE.

SERIAL NO.

MODEL

### PROPER OPERATION

TO AVOID UNNECESSARY HAZARD, TRAILER SHOULD BE  
OPERATED IN ACCORDANCE WITH TRUCK TRAILER  
MANUFACTURERS ASSOCIATION RECOMMENDED PRACTICES  
AND THE SOCIETY OF AUTOMOTIVE ENGINEERS' HANDBOOK.

### WARNING

DUE TO STATE AND LOCAL REGULATIONS, THE DIMENSIONS  
THIS TRAILER MAY PROHIBIT ITS USE IN CERTAIN AREAS.  
TRAILER MAY BE COVERED BY ONE OR MORE OF THE FOLLOWING  
AND U.S. PATENT AND OTHER PATENTS PENDING.

4,758,948  
4,882,214  
4,918,017

4,885,530  
4,888,473  
4,943,594

Excitation 45 Volts 6.7 Amps

598 Frame 1800 Rev/Min

Maximum Temperature Rise 105 °C By Resistance

40 °C Ambient 1000 Meters Altitude

Class H Insulation

Enclosure Type:

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Please provide the Serial Number and Generator Part Number from generator number plate when ordering parts and in correspondence.

Gen S/N :        AFR01255                                ESO: CRTGH

Manufactured In:    GRIFFIN, GA

118-8452

1 19

VEHICLE CONFORMS TO ALL  
REGULATIONS IN EFFECT ON DATE OF MANUFACTURE

1JJV2N4327602

MODEL