

CUSTOMER: KANE

HBR

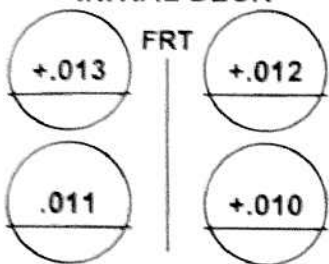
**COMPETITION
ENGINES**

(702) 644-2220

DATE: 10/1/13 ENGINE: LS BALANCE # 4106

BORE: 4.035 STROKE: 4.00 # CYLS. 8 C.I.D. 409

INITIAL DECK



ROD SIDE CLEARANCE

Journ. 1 .019
 Journ. 2 .019
 Journ. 3 .018
 Journ. 4 .018

MATERIAL REMOVED (mill)

Manif. Surf _____ / Int. Surf _____
 Head Surf: _____

FINAL DECK : AS IS End Rails: _____

MOTOR ASSEMBLED BY:

SHORT ONLY carl

RING SIZES # JG33F8-4040-2

Cyl. Finish 625

Top-2nd-Oil

Ring Gap: Top .026

w/Plates w/o

1.2 1.2 3.0 MM

Second .028

CAST MOLY CHROME

PIW .0055 @ .500UP

CAMSHAFT: HYD ROLLER BULLET HP14 296/296 5452 CIL 113

	OPEN	CLOSE	
@ 050 INT	<u>8</u>	<u>55</u>	<u>243</u>
EXH	<u>53</u>	<u>9</u>	<u>242</u>

Valve Lift @ Cam: INT .352

EXH .350

BUSHING POSITION _____ DEGREES ADV RETARD

Valve Lift @ Rocker: INT 0.5984

INT CIL @ 113.50 EXH CIL @ 112.00

EXH 0.595

LASH SET INT: _____ EXH: _____ Hot Cold

Valve to Piston Clearance

FLYCUT:

No Lash: Before: checked/w +.013 Deck Drops: _____ Int: _____ Rocker: 1.7 Int: _____
 W/Gasket: 113.50 CIL _____ Head Drops: _____ Exh: _____ Rocker: 1.7 Exh: _____

No Lash: After: checked/w AS IS Deck Drops: _____ Int: _____ Rocker: 1.7
 W/Gasket: 113.50 CIL _____ Head Drops: _____ Exh: _____ Rocker: 1.7

RODS		OIL CLR.	MAINS		OIL CLR.	Compression Ratio	
						BEFORE	AFTER
1	USED		1	USED HIS			
2	HIS		2	BRGS		Head:	
3	COATED		3	OVER		Deck:	<u>2.72</u> <u>0.00</u>
4	BRGS		4	# ED AS		Gasket:	
5	OVER		5	DISS		Dome:	
6	#ED		Bearings: <u>MS2199H - STD</u> <input type="checkbox"/>			Dish:	<u>28.00</u>
7	AS DISS		Torqued @ <u>60</u> Ft./Lb. (In) <input type="checkbox"/> Coated			T.D.C.:	<u>30.72</u> <u>0.00</u>
8			Torqued @ <u>50</u> Ft./Lb. (Out)			1 Cyl:	<u>838.16</u> <u>838.16</u>
Bearings: <u>CB663HN - STD</u> <input checked="" type="checkbox"/> Moly <input checked="" type="checkbox"/>			Crank End Play: <u>.005</u> <input type="checkbox"/> Moly <input checked="" type="checkbox"/>			Final CIR:	<u>28.28</u> <u>0.00</u>
Torqued @ <u>63</u> Ft./Lb. <input type="checkbox"/> Coated Oil <input type="checkbox"/>			Cam End Play: _____ <input type="checkbox"/> Oil <input type="checkbox"/>				