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# BADSEY BULLET

July 25th 1984.

01-22-NIB-1743

Administrator,  
National Highway Traffic Safety  
Administration,  
400 Seventh Street, S.W.  
Washington D.C. 20590

ORIGINAL

For the attention of VIN Co-Ordinator

Dear Sir,

Badsey Bullet U.S.A., Inc., a California Corporation, hereby submits the information required pursuant to FMVSS No. 115 S6.

World Manufacturer Identifier Code - 11 Z

Construction of Vehicle Identification Number - see attached

I trust this information satisfies the reporting requirements under FMVSS No. 115.

If there are any questions, please do not hesitate to call.

Yours faithfully,  
BADSEY BULLET U.S.A., INC.



RUSSELL K. NAKAOKA  
CHIEF FINANCIAL OFFICER

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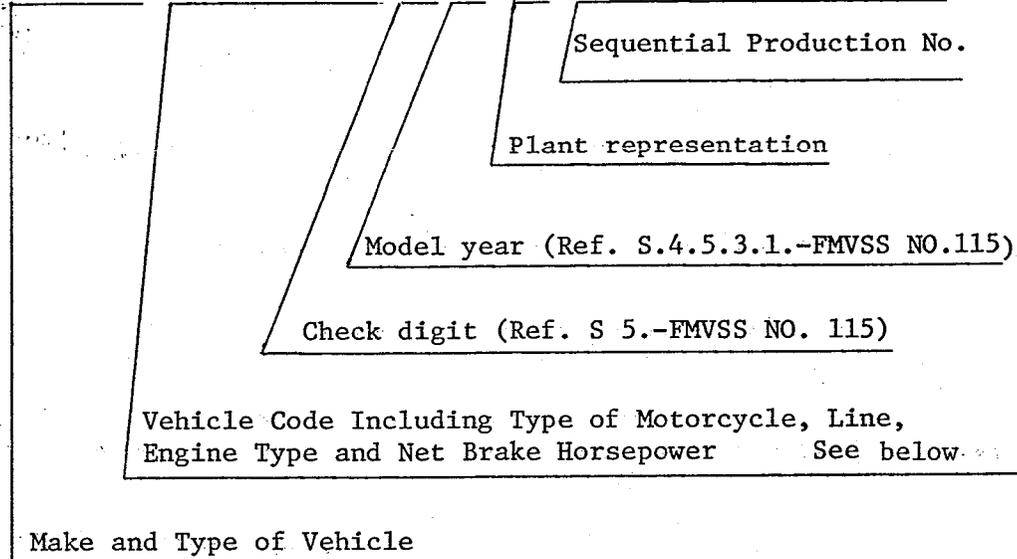
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NHTSA DOCKET

INFORMATION ON F.M.V.S.S. NO. 115 - VEHICLE IDENTIFICATION NUMBER

CONSTRUCTION OF VEHICLE IDENTIFICATION NUMBER

Character No.	1st Sec.			2nd Section					3rd Section							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

VIN (Example)      1 1 Z F Y 5 5 0 0 F A 0 0 0 0 0 0



11Z : BADSEY, Motorcycle (3-Wheeler) Manufactured in U.S.A.

IDENTIFICATIONS OF 2ND SECTIONS

1985 Model Year

Vehicle Code	Line (Model)	Type of Motorcycle	Engine type			Brake horse power	VIN (Example)
			Fuel	No. of Cylinder	Displacement (cc)		
FY 550	FUN MACHINE	T.W.	Gas.	2	553	58.0	11ZFY550*FA000001
BY 120	BULLET	T.W.	Gas.	4	1198	100.0	11ZBY120*FA000001

Abbreviations :    T.W. - Three Wheeler                      Gas. - Gasoline                      \* Check digit

# JPW International Inc

PM

July 26th 1984.

Administrator N.H.T.S.A.,  
400 7th Street, S.W.  
WASHINGTON D.C. 20590.

For the attention of Mr. Ken Rutland  
Mr. Scott Shadle  
Mr. Ed Weiss  
VIN Co-Ordinator

Dear Sirs,

Requirements of Federal Code - Title 49 - Chapter VI Parts 565 and 566

Part 566.5

- a. Badsey Bullet U.S.A., Inc.
- b. 1260 State College Parkway,  
Anaheim, CA 92806.  
A California Corporation
- c. The vehicle concerned is a 2-wheel forward, one wheel rear (power wheel) motorcycle, and is remanufactured from new, 1982, model, complete 550 cc. Yamaha Vision motorcycles. Our designation is Badsey Fun Machine, F/M 550. It is targeted for on-highway use. G.V.W.R. (Class A) of 1270 lbs. Refer to specifications attached.

Part 565.5

- e. Attached is complete VIN Number Identification and Deciphering information for the Badsey Fun Machine F/M 550.

Thank you for your help and time in the explanation of requirements for our project. Messrs. Shadle, Weiss and Rutland were very patient and prompt with their replies. They certainly made this first-time applicant's task much simpler.

Yours faithfully,

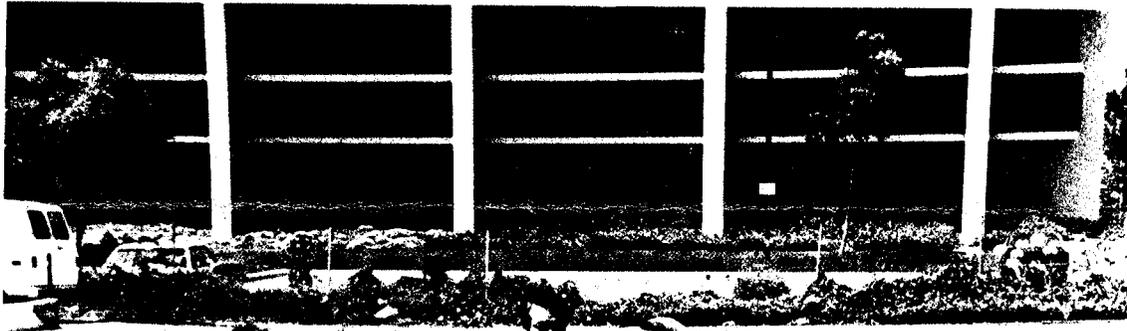
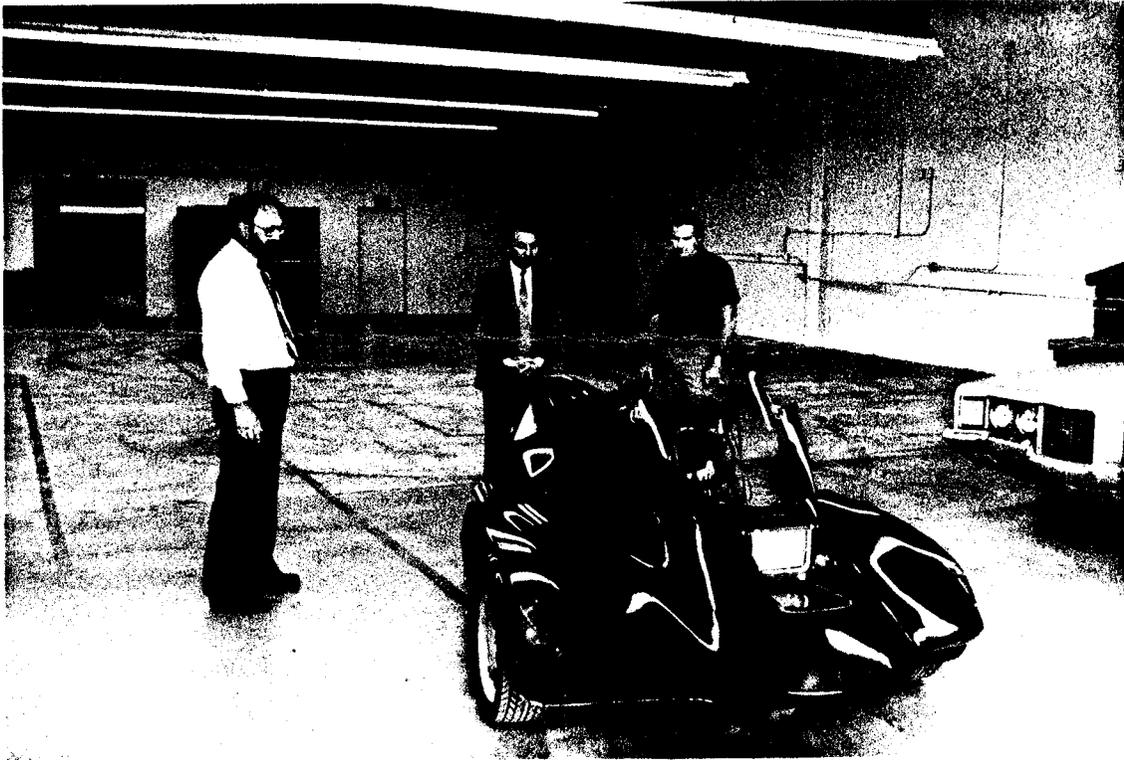


JACK P. WILSON JR. (Consultant to and a Director of Badsey Bullet U.S.A., Inc.)

(Signed in Mr. Wilson's absence)

BADSEY BULLET USA INC.

FUN-MACHINE F/M 550cc - Three Wheel Motorcycle



**SPECIFICATIONS**

CYA055342A7

FBY055342F0

**Description**

Yamaha Model XZ550RJ

Badsey F/M 550

**Dimension:**

(Where Different)

Overall length	83.5 in.	124.0 in.
Overall width	33.3 in.	64.0 in.
Overall height	43.7 in.	56.0 in.
Wheelbase	56.9 in.	73.0 in.
Minimum road clearance	5.3 in.	5.3 in.

Curb Wt. (with liquids)	467 lbs.	870 lbs.
Gross Vehicle Weight rating	895 lbs.	1270 lbs.

**Performance:**

Minimum turning radius	106.2 in.	162.5 in.
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**Engine:**

Type	4 stroke, gasoline, liquid cooled, DOHC
Engine model	11 H
Cylinder	2-cylinder V-type
Displacement	552 cu. cm (33.68 cu.in.)
Bore x Stroke	80.0 x 55.0mm (3.150 x 2.165 in.)
Compression Ratio	10.5 : 1
Starting system	Electric starter
Ignition system	Battery ignition (Full transistor ignition)
Fuel Tank Capacity	Total: 17 L (3.7 Imp.gal., 4.5 US gal) Reserve: 2.7 L (0.6 Imp.gal, 0.7 US gal) Total amount: 3.4 L (3.0 Imp qt, 3.6 US qt)
Engine oil capacity	With oil filter replacement: 2.7 L (2.4 Imp qt, 2.9 US qt)
Lubrication system	Wet sump
Battery type/capacity	YB14L
Generator	A.C. magneto
Spark plug	D8EA (NGK), X24ES-U (NIPPONDENSO)
Carburetor	BD34 x 2
Air cleaner	Dry type element
Clutch type	Wet, multiple-disc
Exhaust system has been lengthened 20½ inches for fitment on F/M 550	

**Transmission:**

Primary reduction system	Gear
Primary reduction ratio	73/33 (2.212)
Secondary reduction system	Shaft
Secondary reduction ratio	19/18 x 32/11 (3.070)
Gear box type	Constant mesh, 5 speed forward
Operation system	Left foot operation

## SPECIFICATIONS

CYA055342A7

FBY055342F0

Description	Yamaha Model. XZ550RJ	Badsey F/M 550
Gear ratio		(Where Different)
First	43/15 (2.866)	
Second	39/20 (1.950)	
Third	31/21 (1.476)	
Fourth	32/27 (1.185)	
Fifth	29/30 (0.966)	

## Chassis:

Frame Type	Pressed backbone	Box Section
Tire Size:		
Front	90/90 - 18 51H Tubeless Tire	175/50 VR13
Rear	11-0/90 - 18 61H Tubeless Tire	345/35 VR15
Braking System:		
Front	Disc brake/Right hand operation	Dual cylinder front caliper disc/one cylinder on each front wheel actuated by right hand.
Rear	Drum Brake/right foot oper.	Single cylinder rear disc and one cylinder on each front wheel actuated by right foot with use of proportioning valve.
Parking	N/A	Mechanical hand operated lever/rear wheel only Frame mounted.
Suspension:		
Front	Telescopic fork	Cantilever
Rear	Swing arm	
Shock absorber:		
Front	Coil/air spring, oil damper	Telescopic
Rear	Gas/coil spring, oil damper	Telescopic

## Electrical:

Headlight	12V, 65W/60W (Quartz Bulb)
Tail/brake light	12V, 8W/27W x 2
Flasher light	12V, 27W x 4
License light	12V, 3.8W
Pilot lights:	
TURN	12V, 3.4W x 2
WARNING	12V, 3.4W
NEUTRAL	12V, 3.4W
HIGH BEAM	12V, 3.4W
Meter light	12V, 3.4W x 2

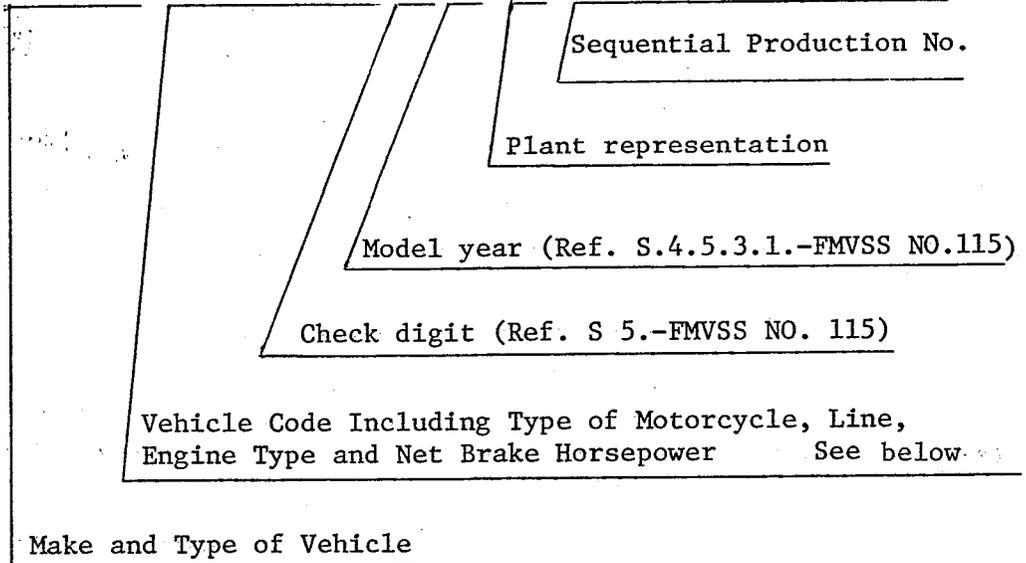
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