

Comparison study . . .

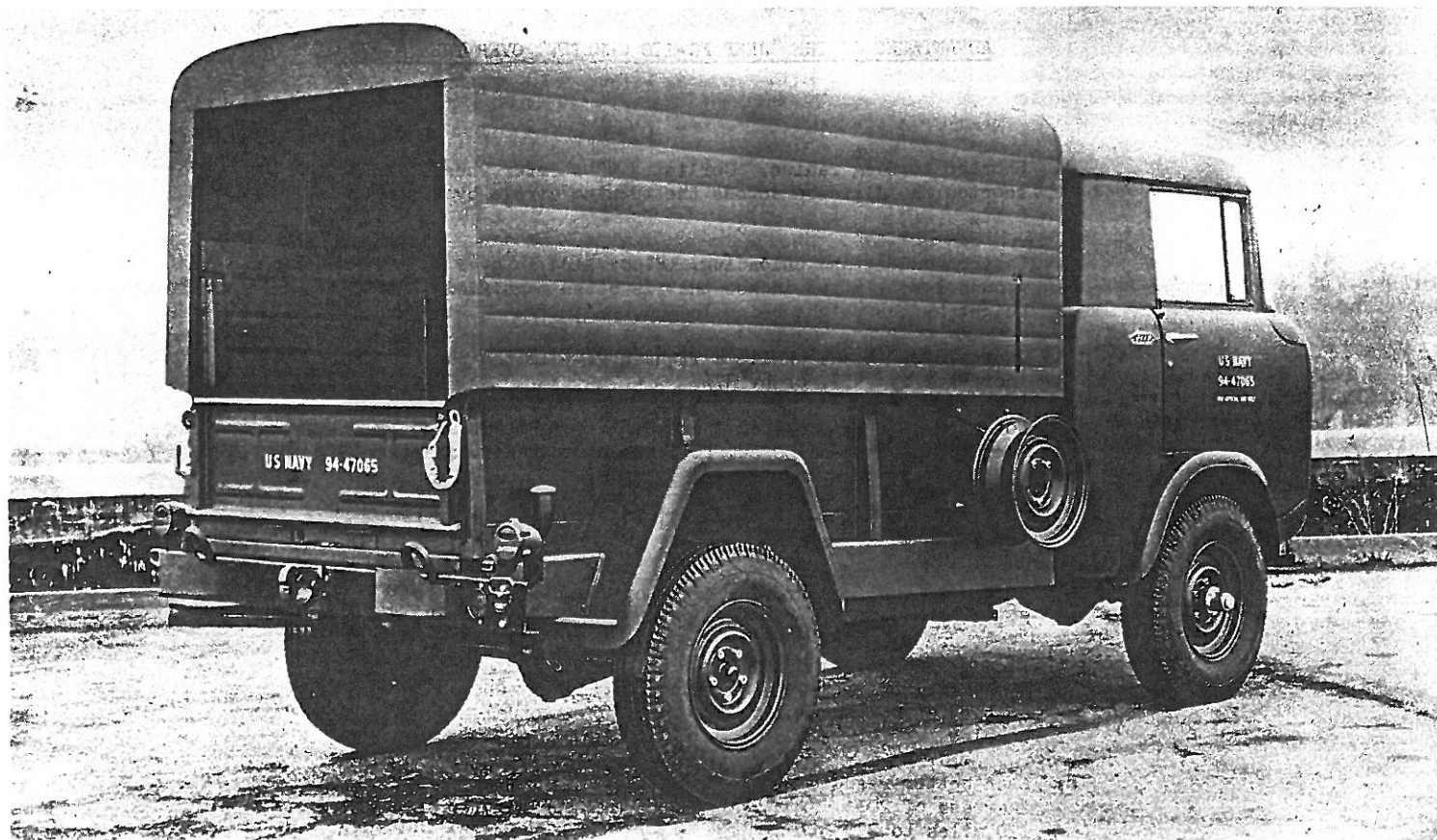
FC-170 Cerlist Pick-Up vs. M37

KAISER Jeep CORPORATION

MAY 1, 1963



TRUCK, CARGO PICKUP, DIESEL ENGINE, 7000 GYW, 4 X 4
WILLYS MOTORS, INC., PILOT MODEL FC-170 WITH CERLIST DIESEL ENGINE
FSN: 2320-889-2004
MIPR: 27-22159-19-62-5561 WEPS
OMS: 4030.24.4208.2.41
INDEX: 41-46304
CONTRACT: DA-20-113-ORD-29907 (6-26-62) (ITEMS 1 & 2)



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ADVANTAGES OF THE "JEEP FC-170 CERLIST" OVER THE "M-37"

1. Shorter turning radius. Cerlist 8.4" shorter wheel base helps shorten the distance across the turning circle by approximately 6 ft.
2. Easier loading and unloading. Floor line is over 2" lower to ground level; a two inches that is often magnified at that height by the weight being loaded.
3. Increased payload. While a lighter vehicle the payload is increased by 735#, or by 37%.
4. Not only does the payload increase in weight but also by bulk. There is a useable 150 cu. ft., 50% more space, unhampered by wheel covers or spare tire.
5. A gain of 50% in the passenger load, carried in the cargo area and all properly seated.
6. Choice of fuel. There are seven options in the use of fuel, not just gasoline. 80% Oct. gas, #1 & #2 diesel oil, kerosine, JP-4, JP-5 & C1E.
7. By actual Marine test, the range for highway operation almost doubles on one tank of fuel, or by 96%. Actual MPG more than doubles.
8. Even better results were obtained on cross-country test. An increase of 200%, from 5 MPG to 15 MPG, or from a range of 120 miles to 330 miles.
9. Cheaper tire wear. Payload ahead of rear axle means more even distribution allowing smaller tires and cost.
10. Tested vehicle was with 3 speed transmission but 4 speed offered as optional.

COMPARISON CHART

	<u>JEEP FC-170</u> <u>CERLIST</u>	<u>M-37</u>	<u>REMARKS</u>
1. Wheel Base	103.6"	112.0"	8.4 Shorter
2. Turning Dia. (Outside Curb)	43'9"	50'	6'3" Less
3. Vehicle Length, Overall	188" ooo	189.4" w/winch	
4. Vehicle Width	74.5"	73.5"	
5. Vehicle Height	81"	89.5"	
6. Required Floor Space	* 97.2 Sq.Ft.	96.6 Sq.Ft.	
7. Required Cube Space	708 650 - Cu.Ft.	721 Cu.Ft.	
8. Angle of Approach	40°	38°	
9. Angle of Departure	30°	32°	
10. Loading Height (Platform to grd.)	27.8"	29.8"	1567
11. Vehicle Weight (Curb)	4265# 4350	5917#	3652# Less
12. Vehicle Weight (Gross)	7000#	7917# oo	
13. Vehicle Payload (Highway)	2735# 2650	2000#	32 37% More
14. Fuel Tank Capacity	22 Gal.	24 Gal.	
15. Fuel Consumption (Highway)	** 20 MPG	9 MPG	
16. Fuel Consumption (Cross-Country)	** 15 MPG	5 MPG	
17. Vehicle Cruising Range (Loaded)	440 Mi.	225 Mi.	96% More
18. Cargo Area - Length (Average)	107.2" - 113	70"	o
19. Cargo Area - Width (Average)	48.5" 45	45"	o
20. Cargo Area - Height (with top)	50" 55	55"	
21. Useful Cargo Area	112 150 Cu.Ft.	100 Cu.Ft.	6270 36% More
22. Brake Horsepower (& RPM)	85 (3000)	78 (3200)	
23. Fuel Required	Choice	Gasoline	
24. Max. Vehicle Speed	55 MPH	55 MPH	
25. Passenger Capacity (Cargo Area)	12	8	
26. Tire Size	7.00x16x6ply	9.00x16x8ply	
27. Transmission	***3 Speed	4 Speed	

* Vehicle Combat Ready

** By Actual Marine Test.

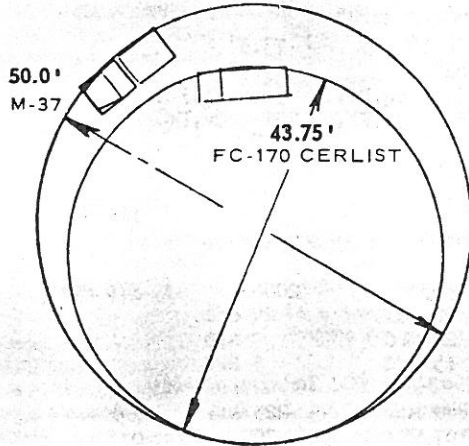
***4 Speed Optional

o Dimensions represent the actual useful area without tire and wheelhouses.
oo Highway load.
ooo Add approximately 10" for winch installation.

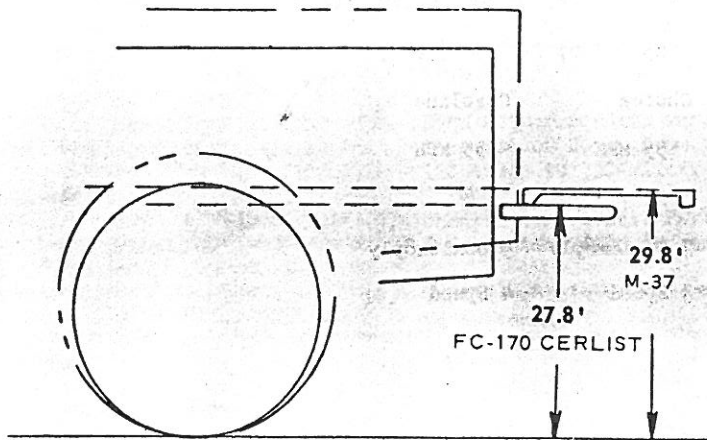
COMPARISON CHARTS - - - - -

Jeep FC-170 Cerlist vs. M-37

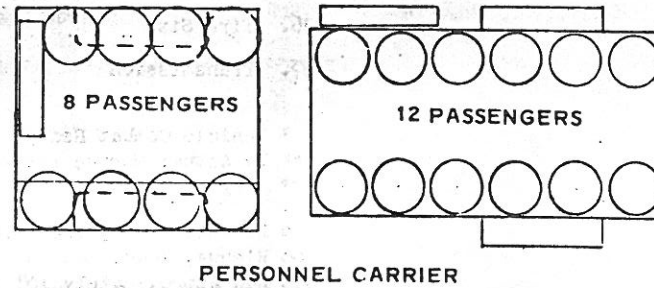
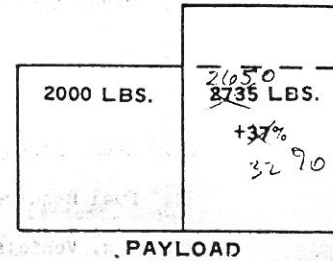
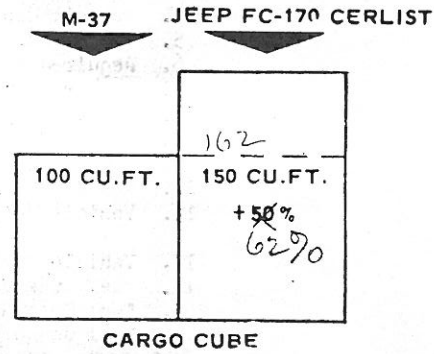
Turning Circle . . .



Loading Height . . .



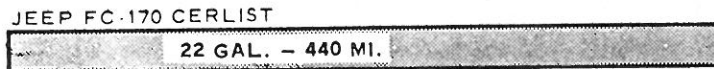
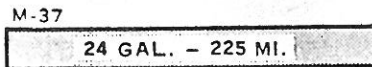
Capacity . . .



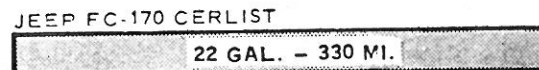
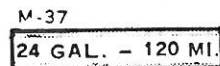
Economy

FUEL CONSUMPTION (MARINE TEST)

HIGHWAY RANGE

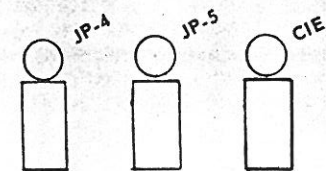
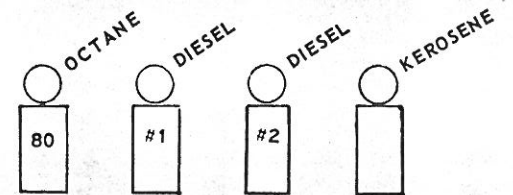


CROSS COUNTRY RANGE



FUEL CHOICE

JEEP FC-170 CERLIST



M-37

