



# NORRIS RACING TEAM

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## THE NORRIS TALON MR-1A

Built initially in 1974 by McCormack Racing Enterprises of San Juan Capistrano, California, the Talon MR-1A had its shakedown run in the 1974 Formula 5000 road racing series under the sponsorship of Norris Industries and then for further development and refinement, went on to the Tasman Series in Australia and New Zealand where driver Chris Amon finished fourth overall which included two pole positions and a win at Teretonga.

This American-built car combines high maneuverability, competitive horsepower, and innovations in engine design that give it unexcelled stability. In addition to the single entry under the Norris banner, it is expected that three more Talons which have been purchased by other Formula 5000 teams will be on the starting grids for the final race.

### Major Specifications:

#### Engine:

Type .....	Chevrolet V-8
Displacement .....	305 cu. in. (5 liters)
Bore and stroke .....	4.020 in. x 3 in.
Compression ratio .....	11.5 to 1
Bhp @ rpm .....	500 @ 7,200
Torque @ rpm .....	395 ft. /lb. @ 5,500
Carburetion .....	Lucas fuel injection
Type of fuel used .....	High grade premium gasoline

(more)

(Engine contd.)

Cooling system (water)..... Twin radiators mounted alongside  
tub just behind front wheels  
Cooling system (oil)..... Twin radiators mounted below  
rear wing

Drive Train:

Transmission..... Hewland  
Gears..... Four forward and reverse  
Gear ratios..... Vary from track to track  
Final drive, ring gear & pinion..... 3.3

Chassis and Body:

Chassis..... Talon MR-1A  
Body..... Aerodynamically formed fiber-  
glass and aluminum  
Brake type..... Lockheed discs, outboard front/  
inboard rear  
Braking area, front..... 10.15 in. dia. x .94 in. wide  
rear..... 10.15 in. dia. x .81 in. wide  
Suspension, front..... Independent, rocker arm with  
inboard operated coil shock units  
Steering type..... Rack and pinion  
Turns, lock to lock..... 20 degs.  
Wheels, front..... 13 in. dia. x 11 in. wide  
rear..... 13 or 15 in. dia. x 18 in. wide  
Tires..... Goodyear racing tires

General Data:

Overall weight..... 1,450 lbs.  
Wheelbase..... 102 in.  
Overall length..... 179 in.  
Overhang, front/rear..... 38 in./39 in.  
Overall chassis width..... 55 in.  
Track, front/rear..... 65 in./63 in.  
Height to top of rollbar..... 33.5 in.  
Ground clearance, front..... 3 in.  
rear..... 3.25 in.  
Fuel capacity..... 30 U.S. gallons  
Fuel cell..... Goodyear, protected by 4 in.  
deformable structure

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