

# MD 600N®

## MULTI-MISSION CAPABILITY



## 2.0 MULTI-MISSION CAPABILITY.

The MD 600N® is designed for a variety of uses, and can be rapidly converted from a personnel carrier to a utility transport or a combination of the two. Typical uses include: utility operations, electronic news gathering, executive transport.

### 2.1. For Utility Operators: A Capable Workhorse.

This light, single-turbine helicopter is a workhorse that is certified to lift 907 kg (2,000 lb) of internal payload or 1179 kg (2,600 lb) for external payload operations. For outsized, bulky loads, the cargo hook is currently certified to carry up to 970 kg (2,134 lb).

It's also easy to load both passengers and cargo. The large, center-opening doors open to a full 157 cm across (62 in). The aft cabin is exceptionally spacious, offering more room for cargo. With its 1.83 m (6 ft) of flat floor space, the MD 600N® gives you an advantage the competition can't match.

The superior hovering performance of the MD 600N® provides one of the best HIGE and HOGE statistics in the industry: 3383 m (11,100 ft) HIGE and 1829 m (6,000 ft) HOGE. What's more, the MD 600N® has a maximum operating altitude of 6097 m (20,000 ft).

This helicopter's direct operating costs, the lowest in its class, is another important benefit to utility operators. As you'll find, it performs just as well on a balance sheet as it does in the air.

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### 2.2. For Electronic News Gathering: Versatility And Speed.

The MD 600N® is the fastest helicopter in its class with a cruising speed of 134 knots (248 kph, 154 mph). This gives electronic news gathering operations an edge in responding to late-breaking news. The MD 600N® will get you to the scene faster, with a smoother platform for camera stability and crew comfort.

With its larger cabin, this helicopter may be configured to handle special equipment such as monitors.

For news gathering operations working in urban areas or flying over state parks or tourist sites, the MD 600N's NOTAR® anti-torque system offers a significantly reduced noise signature, making it the quietest in its class.

### 2.3. For Corporate Owners: The Safer, Quieter Helicopter.

The MD 600N® is a smart business investment, from its low operating costs to its superior safety and quietness. Its advanced NOTAR® system makes it a member of an exclusive family of the safest, quietest helicopters in the world. The reduced noise signature qualifies it as a "good neighbor," something that's important to business owners who operate in urban areas.

With the elimination of the conventional tail rotor, the NOTAR® system provides a smoother, more comfortable ride. The six-bladed design of the MD 600N® also reduces vibrations.

The aft cabin provides room for executive seating with a choice of forward-facing coach or club configurations, while the large windows provide excellent visibility for passengers.

The ease of maintenance, low direct operating costs and superior performance add up to an exceptional form of business transportation. Executives will appreciate its ability to fly faster than the competition, allowing them to spend more time on the job and less time in the air.

### 2.4. Air Medical Services: Safety, Low Operating Costs.

The MD 600N® helicopter provides versatile configurations for air medical services. The configuration is a single litter kit for one patient, and is capable of advanced cardiac life support (ACLS) level of medical care.

With its NOTAR® system and small main rotor diameter, the MD 600N® has the ability to land in confined areas. For air medical services, this is an important advantage when picking up patients in tight places or on residential streets.

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### 2.5. For Law Enforcement: A Quiet, Versatile Tool.

In the field of airborne law enforcement, the MD 600N® speed, payload and low operating cost are just a few of its benefits. As a member of the NOTAR® system-equipped family of helicopters, it's also quieter by far than conventional helicopters. For law enforcement, this is a powerful advantage when pursuing suspects. The MD 600N® is so quiet suspects aren't usually aware of this craft until it's virtually on top of them. What's more, its quiet performance makes it a "good neighbor" to residents of the community.

With its enhanced maneuverability and small rotor diameter, the MD 600N® can negotiate landings in confined areas. Its tail rotor-less system also helps when police are performing rescues on city streets or rough terrain.

The MD 600N's 115-gallon (435 l) standard fuel tank provides the ability to conduct longer-range missions, while the aft cabin provides room for more seating and special equipment. A versatile ally, gives police departments the option to expand their mission capabilities to include rescue, surveillance and SWAT operations.

The MD 600N® is authorized to fly with its doors off in several configurations. In addition, it offers an expanded center of gravity envelope for almost any combination of loading. The helicopter has exceptional control power enabling the helicopter to remain stable during rescue missions. With its large windows, the MD 600N® also provides greater visibility for rescuing victims, pursuing suspects or locating accident scenes.

Vulnerability analyses have shown that the NOTAR® system is 60 percent less vulnerable to ballistic damage from small arms, an increasingly important advantage for airborne law enforcers.