



Effectual | Swift | Avant-garde



DGCA-APPROVED

State of the art Agri Drone

Teja-S: Small Category

(UIN - Certified Drone)

www.pavaman.in



OUR AGRI-SPRAY DRONE OFFERS

- Efficiency and Accuracy
- Cost optimization
- Versatility
- Improved crop health and yield



Rugged design

Emergency failsafe

Manual + autonomous



TEJA-S

USPs

SOPs

We're working on standard operation procedures with industry experts for various crops in the pursuit of agricultural excellence.

FARMING THROUGHOUT THE YEAR

Teja-S is the trusted partner of farmers, being their ally throughout in the crucial agri-spraying operation all through the year.

THE COUNTRY'S BEST ENDURANCE

The flight time of Teja-S is impressive, with 18 minutes of endurance without payload and 15 minutes of endurance with variable payload.

PAVAMAN KNOWLEDGE BANK

Pavaman dedicates itself to drone technology education, product-specific content to Teja-S, updates on the latest drone technologies and drone loans, subsidies & schemes.

SOFTWARE AUTONOMOUS AND SCALABLE

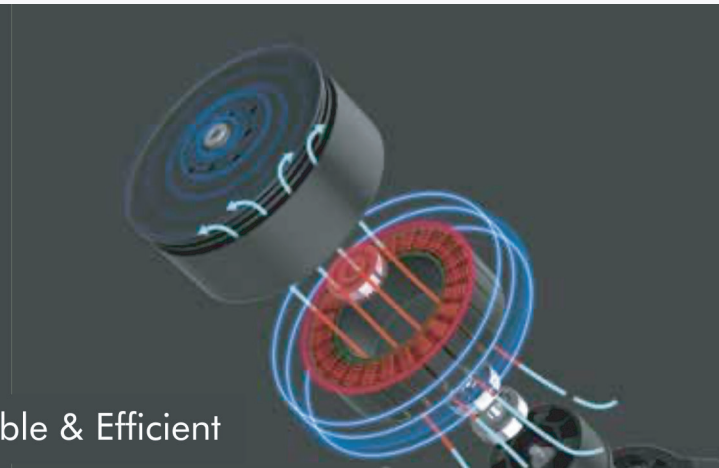


WATERPROOF AND DUSTPROOF INDUSTRIAL DESIGN

Extensive drop testing ensures the gimbal protection and industrial case design can withstand tough conditions. Custom waterproof silicon caps ensure uninterrupted operation even in hars environments.



Propulsion System: Stable & Efficient



STABLE AND EFFICIENT
PROPULSION SYSTEM



HIGH-LIFE BRUSHLESS
WATER PUMP



CONTROL-DEFINED AND
RELIABLE COMMUNICATIONS



LONG-DISTANCE
ULTRA-STABLE LINK



EXEMPLARY
ENDURANCE

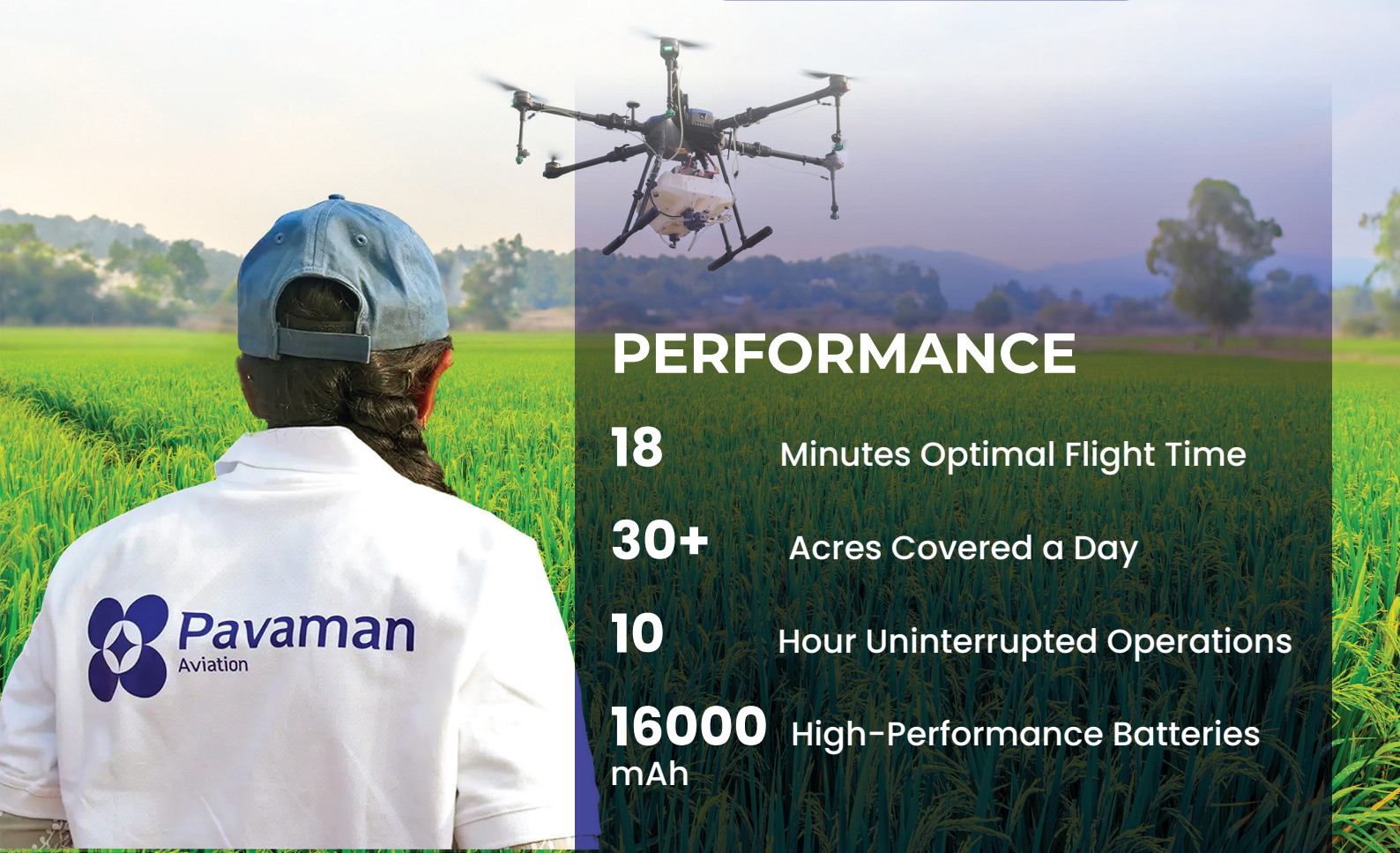
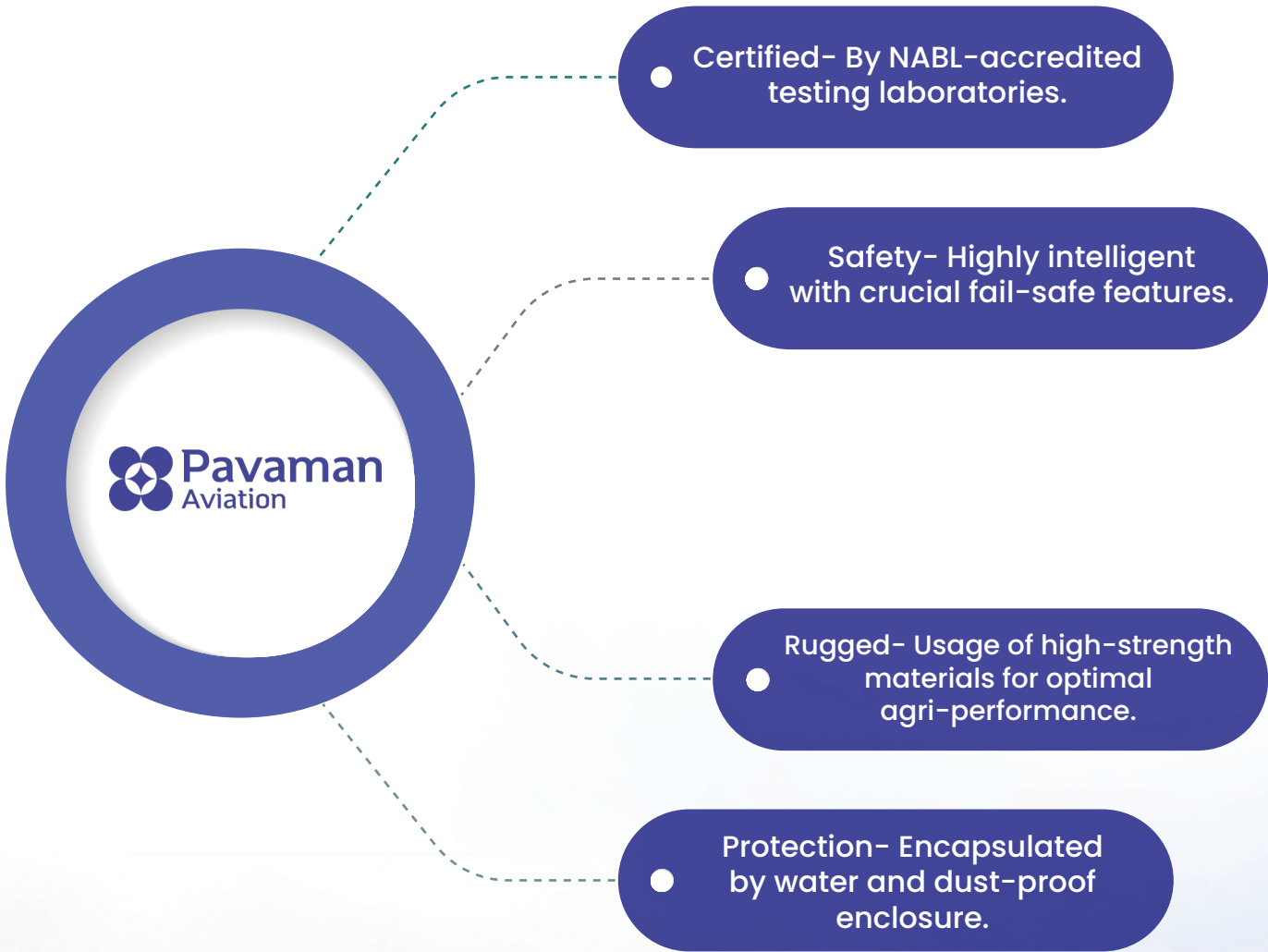


BLUETOOTH AND
USB-COMPATIBLE



COMPACT AND
HIGHLY SCALABLE

BUILD



PERFORMANCE

- 18** Minutes Optimal Flight Time
- 30+** Acres Covered a Day
- 10** Hour Uninterrupted Operations
- 16000** mAh High-Performance Batteries

KEY BENEFITS



OUTSTANDING CROP YIELD

- TIMELY PROTECTION OF CROPS
- EXPELS EVERY PEST
- ABSENCE OF CROP DAMAGE
- INCREASED PROFITS



OPTIMAL SPRAYING

- IN CONSISTENCY
- REDUCING PESTICIDE RESIDUE
- SUPERIOR QUALITY CROPS
- INCREASED CROP VALUE



ECOLOGICALLY SOUND PRACTICES

- 100% SAFETY FOR OPERATORS
- ABSENCE OF SOIL POLLUTION
- INCREASED FERTILITY OF THE SOIL
- SUSTAINABLE AGRICULTURE



TECHNICAL SPECIFICATIONS

NAVIGATION	Typet	Hexacopter (Multicopter with 6 rotors)
	Features	Aerospace grade, rugged design, foldable and easy to transport
PERFORMANCE	Max Payload	8 kg
	Flight Time	18 minutes
	Time for Acre	4 minutes
	Duration	Supports day operations
BATTERY	Capacity	Higher 16000 mAH LiPo batteries
	Charger	High capacity LiPo fast charger
	Cycles	Upto 300 cycles
SPRAYING SYSTEM	Nozzles	4 nos.; high pressure flat fan type/ 110015 VP
	Droplets	Fine/ 106-235 microns
	Spray Coverage	Uniform spray
NAVIGATION	Software- Mobile and Web	Simple to use with advanced features
	Flight Mode	Manual/Semi-autonomous/Autonomous
	Accuracy	RTK <=1m
	Safety	Critical alerts, return to home, geofence, altitude fence and liquid failsafe
EXCELLENCE	Tested	For 5000 acres
	Partnerships	Premier agricultural institutes
	Safety and Reliability	"Developed crop-specific SOPs Tested pan India"

Pavaman Aviation, a leader in drone technology solutions, is partnering with SKLTSHU (Sri Konda Laxman Telangana State Horticulture University) to mutually enhance horticulture education. This collaboration aims to empower future horticulturists and agronomists with the knowledge and skills needed to address the evolving challenges in horticultural farming. This MOU's core is a comprehensive training program designed to provide students with essential drone technology skills for horticultural practices. The program focuses on two key areas – precision spraying and scouting in agriculture using drones.



It's an Honour to Sign-up an Mou With Shri Konda Laxman Telangana State Horticulture University (SKLTSHU)

WE'RE TRUSTED BY:



Catering to multiple crops- Teja-S can be used effectively and efficiently for all the major types of crops.



Cotton



Bengal gram



Onion



Paddy



Sunflower



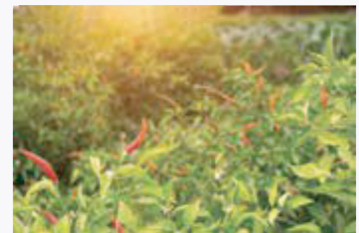
Sugarcane



Maize



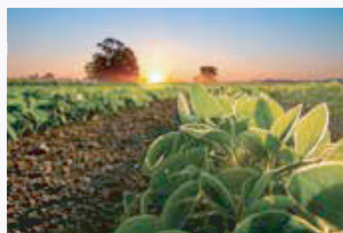
Groundnut



Chilly



Redgram



Soyabean



Safflower



Sesame



Watermelon



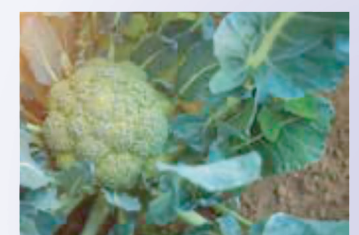
Custard Apple



Wheat



Tobacco



Broccoli

PAVAMAN AVIATION-THE LEADER IN DRONE PILOT TRAINING



GET YOUR DGCA-APPROVED DRONE PILOT'S LICENSE FROM PAVAMAN AND TAKE YOUR CAREER TO THE NEXT LEVEL!

ENHANCE YOUR PROFESSIONAL PROFILE AND UNLOCK A WIDE RANGE OF JOB OPPORTUNITIES.

- Our renowned faculty comprises skilled professionals with extensive experience in aviation and unmanned aerial systems. With their expertise, they provide comprehensive training and guidance to aspiring drone pilots, equipping them with the skills needed for immense success.
- Gain a competitive edge in the rapidly growing drone industry in India.
- Unlock exciting job prospects in fields such as agriculture, photography, surveying, and mapping.

TRADITIONAL VS PRECISION FARMING WITH PAVAMAN DRONES

Conventional Farming

Subject to a high degree of manual labour



Use of pesticides and fertilizers in excess



Spraying takes longer (two hours to cover one acre)



Working in difficult and uneven terrains is a real challenge



Dangerous to the well-being of farmers



Productivity and efficiency are low



Close contact with carcinogenic agents



Precision Farming

Both manual and autonomous operations are possible

The use of fertilizers and pesticides is moderate

Quicker spraying (one acre covered in seven minutes)

Skillfully traverses challenging terrains

Improvements in safety while reducing risks to humans

Enhanced effectiveness and output

Safe distance from all harmful chemicals



CREATING GLOBAL IMPACT WITH DRONES TOWARD A VISION TO TRANSFORM INDUSTRIES AND BUSINESSES



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