Flying Suits (Fire & Heat Less) Light Weighted

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Abstract – Like Drones Flying suits are our future technology, which will be very useful for our Defence, Disaster & Rescue Departments. That's why we have designed a light weighted, Fire & Heat Less Flying Suit which will be easy to Wear, Control, Safe & Use. In our Flying Suit, we haven't used any type of fuel engine that's why it's very light weighted, and we have provided an emergency landing parachute with GPS, GSM & Glonass connectivity for regular communication & monitoring with ground officers.

Key Words: Flying Suit, Air Suit, Jet Suit, Human Fly, Jet Pack, Flying, Suit

1. INTRODUCTION

Like Drones Flying suits are our future technology, which will be very useful for our Defence, Disaster & Rescue Departments. That's why we have designed a light weighted, Fire & Heat Less Flying Suit which will be easy to Wear, Control, Safe & Use. In our Flying Suit, we haven't used any type of fuel engine that's why it's very light weighted, and we have provided an emergency landing parachute with GPS, GSM & Glonass connectivity for regular communication & monitoring with ground officers.

It can fly with an average 80 kg weighted human at a speed of 45-65 km per hour and its flying height will be approx. 800 ft. and the inner temperature will be controlled by the operator or user between +20°C to +28°C. It has owned in-built AI system which will be 100% digitally controlled and monitored, it's flying time will be approx. 6-8 hours and here we are going to introduce our Pneuma-Jet Engine which is very light weighted and future technology with an Eco-Green concept with Solar Energy. The complete weight of our Flying Suit will be approx. 60-80 kgs

It may be in Control of Aviation as a part of the Aviation Department as per Laws.

2. Body of Paper

Flying suits are our future technology, which will be very useful for our Defence, Disaster & Rescue Departments. That's why we have designed a light weighted, Fire & Heat Less Flying Suit which will be easy to Wear, Control, Safe & Use.

It has 3 layers of protection for the safety of a human-like a Biker Jacket, which will be thermal proof, water resistant, cut proof, cushioned & Soft with a pure leather product specially customized and designed as per safety norms (Level-5) with emergency landing parachute. Including some parts fabricated by Carbon Fiber, Kevlar Fiber, Steel, and Tungsten for better safety. We focused on human safety first.

Sr. No.	Characteristics	Capacities/Parameters
1	Flyting Loading Capacity	Upto 80 Kgs
2	Flying Time	Upto 6-8 hrs
3	Flying Speed in km	Upto 45-65 km/hr
4	Flying Height in Feet	Upto 800 Feet
5	Features & Facilities	➢ Temperature Control ➢ Emergency Landing ➢ AI System ➢ GPS Navigation ➢ Live Monitoring ➢ 2-Way Communication System
6	Useful for	➢ Defense ➢ Disaster ➢ Rescue
7	Type	➢ Hybrid

3. CONCLUSIONS

The conclusion of this paper is technology is growing faster in day-to-day life, and transportation is a major part of daily life, that's why we faced and observed lots of challenges in daily life, then after we find a new innovative concept after lots of failures in designs and technologies, we were working on that project since last 2 years and finally, we got our design which we want to dedicate to our nation to serve better to our civilians, it may save lots of lives in the medical field.

ACKNOWLEDGEMENT

We had taken lots of effort and challenges for this project, and that was impossible without the support and guidance of our family, friends, and mentors and we would like to thank them for this great support.

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2. "Rocketman flies in the skies". *BBC News*. 2008-05-15. Retrieved 2008-08-05
3. *"'Jetman' Yves Rossy Shows Us How to Fly His Carbon Fiber Jet Wing". Wired. 31 July 2013. Archived from the original on 2 January 2017. Retrieved 1 August 2017. the subtle body movements he uses to maintain flight – and perform his loops, rolls, and other maneuvers – mimics a bird of prey. all of the flight control is done with body movement. There are no ailerons or other flight control surfaces"*
4. *Pneuma-Jet owned designed*

BIOGRAPHIES (Optional not mandatory)

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