

Husky Air

A project proposal has been created in response to a request by Husky Air, a fixed-base aircraft operator at DeKalb Taylor Municipal Airport. Husky Air is interested in using a computer-based and mobile system to track information about their Pilot Angels program. This program is currently being managed using a spreadsheet.

The Pilot Angels program is a charitable service coordinated by Husky Air. It matches volunteer private pilots with needy patients whose health-related issues require them to travel to receive diagnostic or treatment services. The volunteer pilots do not offer medical assistance, nor does the aircraft contain medical equipment or accommodate stretchers. As a result, the patients must be able to enter the aircraft with little or no medical assistance. The patient is allowed to have a travel companion. Limited weight restrictions of small aircraft require Husky Air to obtain the weight of passengers and their luggage. Accurate weight information is critical when setting up Pilot Angels flights. Husky air has 23 full-time employees including pilots, maintenance, and office personnel. Users of the proposed system will include Husky Air personnel and the volunteer pilots.

Project Automated Husky is intended to automate the current Husky Air record-keeping and data-tracking process. This initiative will be accomplished by setting up and storing pertinent information in an online database. The intended outcome of this project is to have Husky Air up-and-running on the proposed system within a six-month timeframe.

Here is a look at the present and the future of the Pilot Angels program business environment:

<u>Current</u> Pilot Angels Program Business Environment	<u>Future</u> Pilot Angels Program Business Environment
Program information saved in a file folder	Program information captured in on-line database
Sensitive patient data not secured	All patient data secured in an encrypted database
Digital data storage and retrieval not available	Digital data stored in and retrievable from authenticated database
Inability to track volunteer pilot aircraft available from program use	Database tracks pilot aircraft available for program use
Unable to capture adequate data to reward program volunteers	Data for rewarding program volunteers made available in database
PC not available for program use at airport	PC installed and operational at airport
Program not automated	Automated program that is Web and Mobile accessible.

The primary purpose of the project is to automate the current filing process at Husky Air and make it easier for them to track information related to their Pilot Angels program. Additionally, it is intended to support those managing the program and the volunteer pilots by making data entry and retrieval easier. This project will also tie into Husky Air's strategic goals by tracking the information that will help them to adequately recognize volunteer pilots for their contributions, a primary objective of Husky Air, since Husky Air is specifically requesting a computer-based and mobile system solution. The business case for this project has already been accepted by Husky Air management as supporting its business strategy.

