Data for: Rotorcraft Landing Sites – An AI-Based Identification System

Dataset available at: https://doi.org/10.7910/DVN/4L6BQW

(This dataset supports report **Rotorcraft Landing Sites – An AI-Based Identification System**)

This U.S. Department of Transportation-funded dataset is preserved by the Center for Advanced Infrastructure and Transportation (CAIT) in the CAIT Dataverse, which is a part of the Harvard Dataverse repository (https://dataverse.harvard.edu/), and is available at https://doi.org/10.7910/DVN/4L6BQW

The related final report **Rotorcraft Landing Sites – An AI-Based Identification System**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/61870.

Metadata from the Harvard Dataverse Repository record:
Dataset Persistent ID: doi:10.7910/DVN/4L6BQW
Publication Date: 2022-05-02
Title: Data for: Rotorcraft Landing Sites – An AI-Based Identification System
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Description: The updated information about the location and type of landing sites is an essential asset for the Federal Aviation Administration (FAA) and the Department of Transportation (DOT). However, the acquisition, verification, and regular updating of information about landing sites is not an easy or straightforward task, and the lack of current and correct information on helicopter landing sites is a risk factor in several accidents and incidents involving rotorcraft. This project generated an AI-based algorithm that will automate the process of identification of landing sites such as helipads and heliports from video data as well as satellite images for rotorcrafts.
Subject: Engineering
Depositor: Stiesi, Ryan
Deposit Date: 2022-05-02

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Dataset description:
This dataset contains 1 file collection, described below.

Rotorcraft Landing Sites – An AI-Based Identification System_Data.zip:

- new_heliports.csv
- Iowa_helipads.csv
- Hospital_Heliports.csv
- Helipad_info_Maine.csv
- exportHeliport.csv
- Dataset Descriptions.docx
- Annotated FAA Dataset.csv

File Type Descriptions:

- The .csv, Comma Separated Value, file is a simple format that is designed for a database table and supported by many applications. The .csv file is often used for moving tabular data between two different computer programs, due to its open format. The most common software used to open .csv files are Microsoft Excel and RecordEditor, (for more information on .csv files and software, please visit https://www.file-extensions.org/csv-file-extension).
- The .docx file is a Microsoft Word file, which can be opened with Word and other free word processor programs, such as Kingsoft Writer, OpenOffice Writer, and ONLYOFFICE.

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://ntl.bts.gov/public-access) Section 7.4.2 Data, the NTL staff has performed ***NO*** additional curation actions on this dataset. NTL staff last accessed this dataset at https://doi.org/10.7910/DVN/4L6BQW on 2022-05-25. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.