

# LEAPS Progress Report



AERO VIEW LLC

SCSI Spiral Commercial Services, Inc

"EYES ON THE EVENT IN 5 SECONDS"



During November 2019, LEAPS was dispatched 143 times totaling 29.7 hours providing airborne tactical and strategic surveillance for 287.5 hours of the 94.5 square miles of the City of Lancaster and surrounding incorporated and unincorporated areas within the Los Angeles County Sheriff's Department (LASD) jurisdiction in the Antelope Valley.

LEAPS' real-time visual and infrared spectrum encrypted video capability provided airborne observation and support in the arrest of 35 suspects. Most aerial surveillance calls regarding suspects, vehicles, and missing person searches use object and/or scene tracking modes and were conducted in desert fields or on off-street locations providing situational awareness of possible suspects or vehicles nearby. All events involved the LEAPS system visualizing the unfolding incidents on screen at the LASD Lancaster Station immediately after LASD dispatch. It provided surveillance with eyes on the event during the recovery of 6 stolen vehicles, aided searching for 3 missing persons, provided surveillance during the arrest of a carjacking suspect, assisted searching for a hit and run driver, aided in 3 attempted kidnapping calls, and provided surveillance in an animal cruelty call.

LEAPS system video provides local and/or wide area situational awareness within minutes of dispatch and often before the arrival of deputies or first responders. When dispatched, video is obtained between 6500 and 1500 feet above ground level enabling identification of fleeing suspects and/or event assets that provides invaluable information to deputies and enhances the safety margin for those responding and collateral individuals.

Video captured by LEAPS maintains the evidentiary chain and remains in the control and custody of the LASD. It is archived in LASD facilities "hot" online for 2 years for immediate access. At LASD direction with duration, it is further archived to off-line storage for litigation usage.

The American Civil Liberties Union was presented with the Lancaster Team pre design of our LEAPS product with its Concept of Operation and gave the City of Lancaster its approval since it does not infringe on the civil liberties of our Citizens under that structure.



35  
Arrests



34  
Fights and Assaults



15  
Burglary Robbery



15  
Traffic Stops



35  
Other Offenses Suspicious Circumstances



9  
Persons with Gun

December  
2019

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LAW  
ENFORCEMENT  
AERIAL  
PLATFORM  
SYSTEM  
(LEAPS)

PROVIDES  
AERIAL  
OBSERVATION  
SURVEILLANCE  
FOR THE  
CITY OF  
LANCASTER  
AND THE  
LASD

# Dispatch Summary



**AERO** VIEW LLC

**SCSI** Spiral Commercial Services, Inc



**51%**

## PEOPLE

Includes Emergency Medical Service responses, assaults, robberies, threats, missing persons, person with gun, domestic violence and murder



**14%**

## PROPERTY

Including burglary, stolen property, vandalism, grand theft, petty theft and others



**19%**

## VEHICLES

Includes abandoned vehicles, traffic stops and accidents, auto theft, drunk driving, hit and run



**35%**

## ARRESTS AND DETENTIONS

Includes suspicious persons or circumstances, detentions, assists in patrol arrests



**33%**

## OBSERVATIONS

General over flights, virtual patrol and non-specific calls

AeroView specializes in aerial surveillance solutions and operations at a competitive price point.

AeroView operates the LEAPS aircraft seven days a week 365 days a year for the City of Lancaster.

AeroView provides via SCSI all flight operations, training, maintenance, and technical support for the City of Lancaster LEAPS aircraft, video sensor and ground equipment.

## LEAPS in action: Day and night (IR) photos from LEAPS



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