

彰化縣消防局花壇分隊辦理 義消無人機飛行器訓練

Changhua County Fire Department Huatan Division Conducts Volunteer Drone Training

圖、文：彰化縣消防局 龔勤政

為提升義勇消防人員救災能力，以協助消防災害防救工作，確保民眾生命財產安全，於 113 年 2 - 4 月彰化縣消防局第一大隊花壇消防分隊義勇消防隊辦理無人飛行器課程訓練，供消防人員第一時間救災資訊。

花壇消防分隊共計有 11 多處公墓，每年 1 月至 4 月期間公墓火警案件多且救災時間長，地理位置由平地甚至到半山腰有多數的亂葬崗，救災人員有時打火會穿越竹林後碰到斷崖無法在繼續前進，如果能有效使用無人機飛行器飛行查看燃燒範圍，研擬救災路線並選擇適合器具撲滅火勢。

To enhance the disaster response capabilities of volunteer firefighters, assist in fire disaster prevention and rescue efforts, and ensure the safety of people's lives and property, the Huatan Fire Brigade of the First Battalion of Changhua County Fire Department conducted an unmanned aerial vehicle (UAV) training course for volunteer firefighters from February to April 2024. This training aims to provide firefighters with immediate disaster response information.

The Huatan Branch, First Corps, and Fire Bureau of Changhua County are responsible for over 11 cemeteries. There are frequent and prolonged cemetery fire incidents from January to April each year. These cemeteries are located from flatlands to mid-hillsides and include many mass graves. During firefighting operations, personnel often traverse bamboo forests only to encounter cliffs, preventing further progress. Using UAVs to survey the burning areas can help in planning rescue routes and selecting appropriate equipment to extinguish the fires.

據此，花壇消防分隊義勇消防人員決定採購無人飛行器投入救災行列，在空曠區設置飛行練習場地，並請專業人員規劃課程、實際操作飛行。同時，也鼓勵全體義消弟兄考取相關執照，可謂一舉兩得。

在訓練期間，弟兄們自主訓練模擬飛行及互相討論，少數弟兄在最後交出不錯的成績單，不枉在這段時間付出。今年公墓火警案件，有了無人機飛行取得寶貴資訊後，讓前線救災人員救災時間明顯縮短許多。透過本次訓練，弟兄們表示能夠參與救災為社會服務付出心力是多麼與有榮焉。在未來期許無人機能夠多方面幫助救災、搜救、搜溺等搶救災害工作。



圖 1、專業人員實際操作