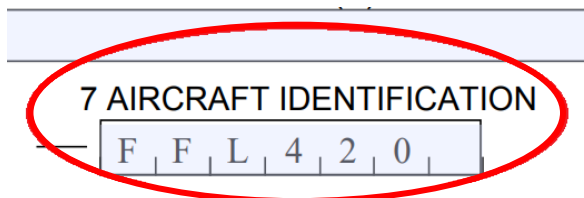


## Using Controller Pilot Data Link Communications (CPDLC) with the Privacy ICAO Address (PIA)

CPDLC services can be used with the PIA program. Below are the instructions for flight operations with CPDLC and the PIA. **Please note that the instructions below do not work with an Integrated Avionics System.** Please contact the PIA helpdesk if you need assistance.

To receive FAA CPDLC services, designated flight plan filing service must file the PIA ICAO 24-bit address and N-number in the ICAO flight plan as follows:

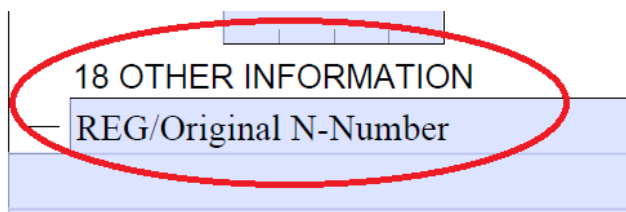
- 1) Enter the third party call sign as the aircraft Identification in field 7 of the ICAO flight Plan form



A diagram of the ICAO flight plan form showing field 7, labeled "7 AIRCRAFT IDENTIFICATION". The field contains the call sign "FFL420", with each character in its own box. A red oval highlights the entire field.

**NOTE:** The third party call sign on the flight plan should match what is entered into the transponder/ADS-B device.

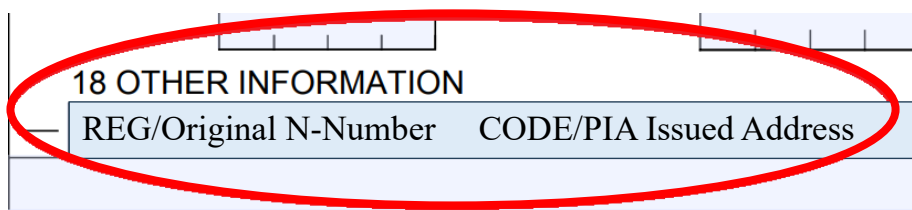
- 2) Enter the N-number associated with the **original** aircraft registration into field 18 of the flight plan form



A diagram of the ICAO flight plan form showing field 18, labeled "18 OTHER INFORMATION". Below the label is a box containing "REG/Original N-Number". A red oval highlights the entire field.

**Note:** CPDLC users should not input the N-Number associated with the PIA issued ICAO 24-bit address in the flight plan.

- 3) Enter the **Privacy ICAO Address** into field 18 of the flight plan form.



A diagram of the ICAO flight plan form showing field 18, labeled "18 OTHER INFORMATION". Below the label are two boxes: "REG/Original N-Number" and "CODE/PIA Issued Address". A red oval highlights the entire field.

**Note:** When operating with the PIA, CPDLC users should not input the ICAO 24-bit address associated with the original aircraft registration information in the flight plan.

Other required flight plan elements are to be filled out as required to receive CPDLC services.

**If the registered aircraft N-number is not enrolled in the LADD program, then following the above instructions will result in aircraft flight data being published on non-FAA fleet tracking websites.** Aircraft N-number can be prevented from being published on aircraft tracking sites by applying for LADD filtering services at [Limiting Aircraft Data Displayed \(LADD\) | Federal Aviation Administration \(faa.gov\)](https://www.faa.gov/limiting-aircraft-data-displayed-ladd)

For additional assistance, please contact the PIA helpdesk at [adsbprivacyicao@faa.gov](mailto:adsbprivacyicao@faa.gov).