

ARINC 424 NDB

**Draft 1 of Supplement 24
Discussion/Proposal**

**Location St louis, Missouri
September 13-15, 2022**

REMOVAL OF FIELD 5.242 PROCEDURE CATEGORY

V 1

Martin Zillig, Lido

SUMMARY
This field was added with supplement 14 to be able to specify the requirements for each landing minima. With supplement 20, the landing minima were removed from ARINC 424, and field 5.242 was removed from the record layout (4.1.9.2) but was not removed from chapter 5.

1.0 INTRODUCTION/ BACK GROUND

The field Procedure Category (5.242) was added in order to be able to specify for which Procedure Category each landing minima would apply. It was envisioned, that one “RNAV” approach could have different landing minima, depending on the equipment used. This concept was later revised to be named “LPV”, “LNAV/VNAV”, “LNAV” and no longer “LAAS”, “WAAS”, “FMS”, “GPS”, etc.

With supplement 20, the complete information in regards to landing minima was removed from the 424 specification. The field 5.242 was removed from the records layout 4.1.9.2 Airport SID/STAR/APPROACH Continuation Records, however the field was not removed from chapter 5.

2.0 DISCUSSION and or ACTION

The group is kindly asked to review the proposal to delete the content of 5.242 as this field is no longer in use.

3.0 Changes as depicted (Track Changes is Helpful)

5.242 Procedure Category (PROC CAT)

Definition/Description: The Airport and Heliport SID/STAR/Approach Procedure Route Type supports the All Sensor RNAV Approach procedure. This kind of approach will have multiple sets of weather minimums (DH and NDA) associated with it. This field identifies the Procedure Categories for which these minimums apply.

Source Content: The field will contain a coded category from the following table:

Content	Procedure Category
LAAS	Local Area Differential Augmentation System
WAAS	Wide Area Differential Augmentation System
FMS	Flight Management System
GPS	Global Positioning System, no Augmentation
VDME	VORDME, VORTAC
CIRC	Circle-To-Land

Used On: Airport and Heliport SID/STAR/Approach Procedure Continuation Records

Length: 4 characters

Character Type: Alpha

5.242 Procedure Category (PROC CAT)

[This section deleted by Supplement 24.](#)