

# Amendments to the Airport Vicinity Protection Area PUD2020-0968 Standing Policy Committee Planning and Urban Development September 2, 2020



# Airport Vicinity Protection Area (AVPA) Regulation

## Purpose of the Regulation

To provide guidance on land use decisions that are compatible with Airport operations, using:

- AVPA Boundary
- Noise exposure Forecast (NEF) Contours

AVPA is a regulation within the Municipal Government Act and administered in partnership between the Calgary Airport Authority and The City of Calgary





## Use restrictions by Contour level

Land Use (New Developments)	NEF 25	NEF 30	NEF 35	NEF 40 +
Residences	-	X	X	X
Schools	-	X	X	X
Daycares	-	-	X	X
Clinics	-	-	-	X
Medical Care Facilities	-	X	X	X
Halls & Auditoriums	-	-	X	X
Place of Worship	-	-	X	X
Outdoor Eating Establishments	-	-	-	X
Outdoor Exhibition & Fairgrounds	-	-	X	X
Outdoor Spectator/Sports Facilities	-	-	X	X
Campgrounds	X	X	X	X





## Background

- 2016 The City of Calgary and Calgary Airport Authority begin reviewing opportunities for regulation changes
- 2018 Formation of the AVPA Committee to guide the work
- 2019 Ministerial approval provided additional opportunities for low density residential in specific communities.
- Today** Proposal to update NEF Contours to maximize effectiveness in land use decision making



## Modernizing the AVPA Regulation

### Why Update the AVPA?

- Major advances in aviation technology over the last 40 years
- AVPA regulation has remained the same
- Continued need to protect airport operations

### Methodology

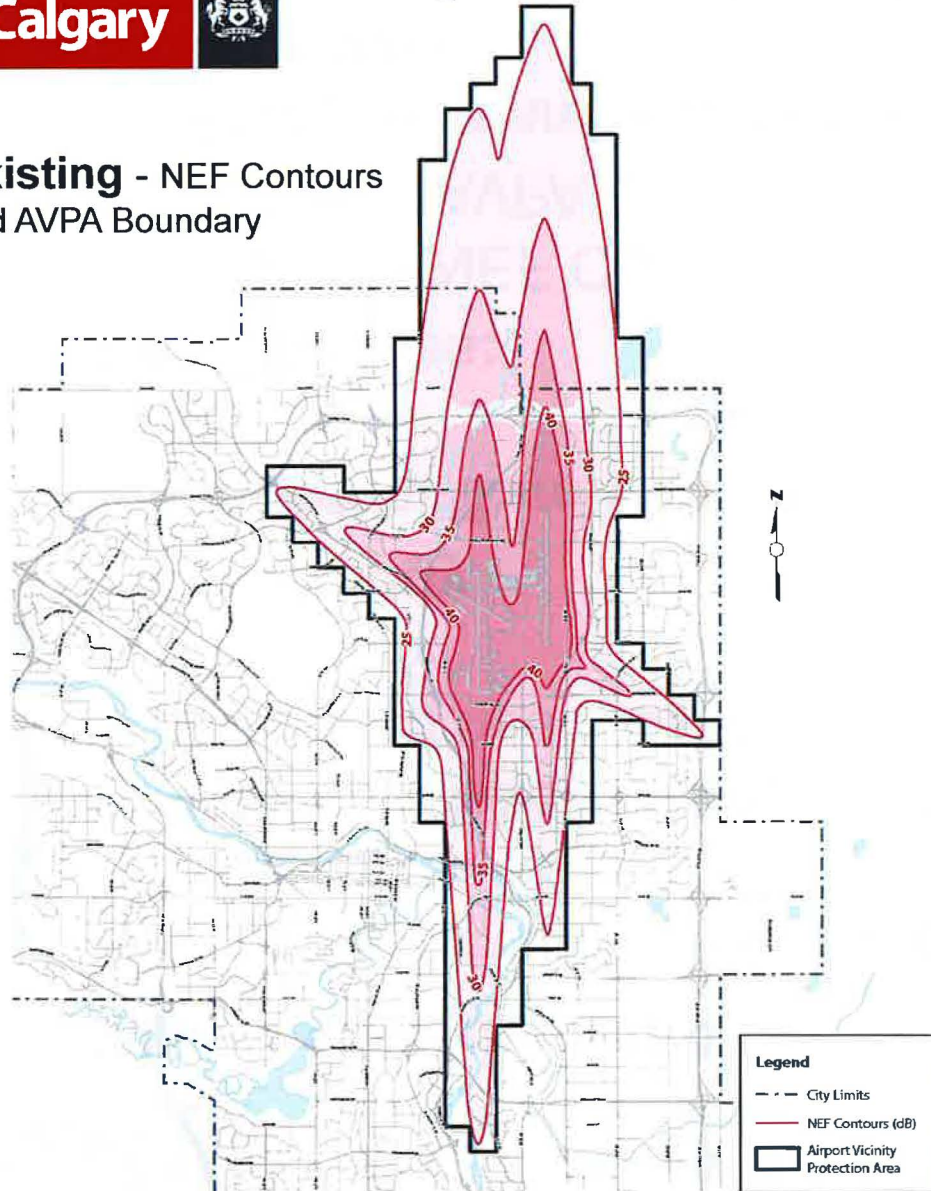
Independent Third Party Review to update NEF contours

### Key Changes:

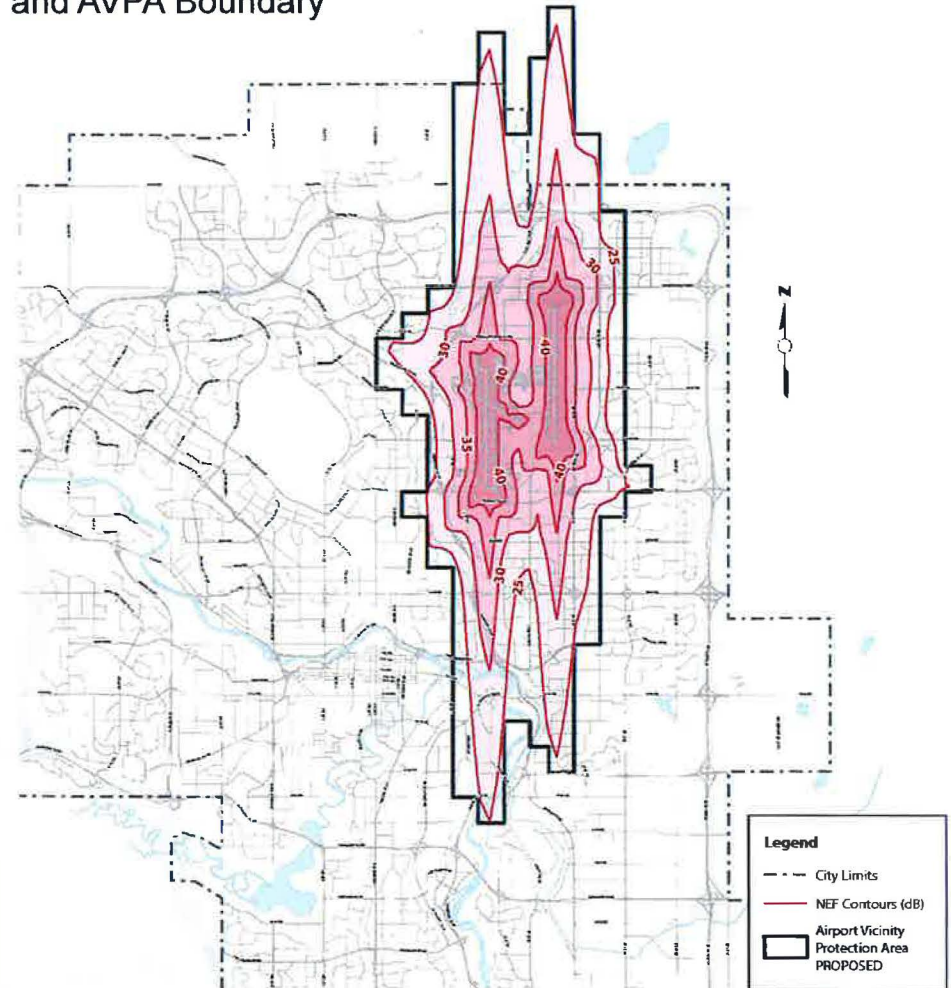
1. Updated NEF Contours
2. Adjusted AVPA Boundary
3. Addressing areas where NEF Contour restriction has increased

# Updated NEF Contours

**Existing** - NEF Contours and AVPA Boundary



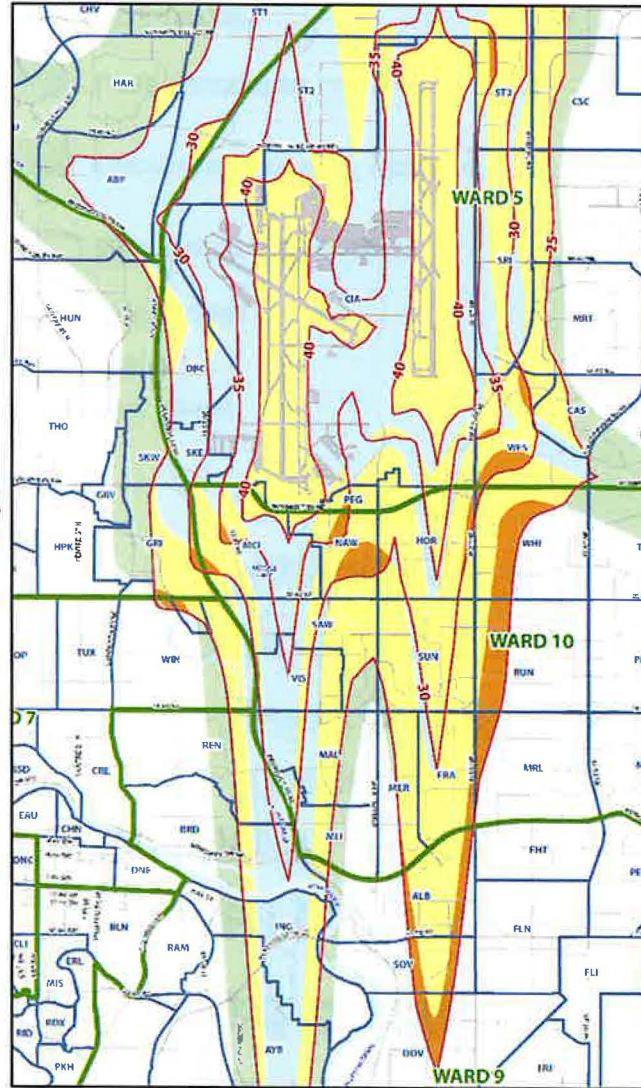
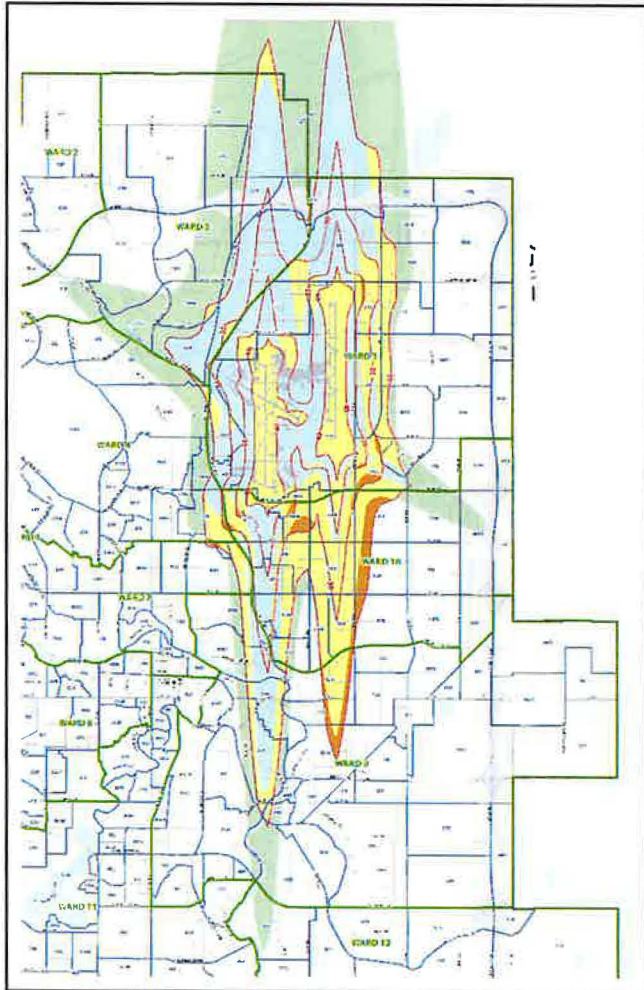
**Proposed** - NEF Contours and AVPA Boundary







# NEF Contour Changes – Illustrated



- City Limits
- Ward
- Community
- NEF Contour Boundary
- Removed from NEF Contour
- Less Restrictive Contour
- No Change
- More Restrictive Contour



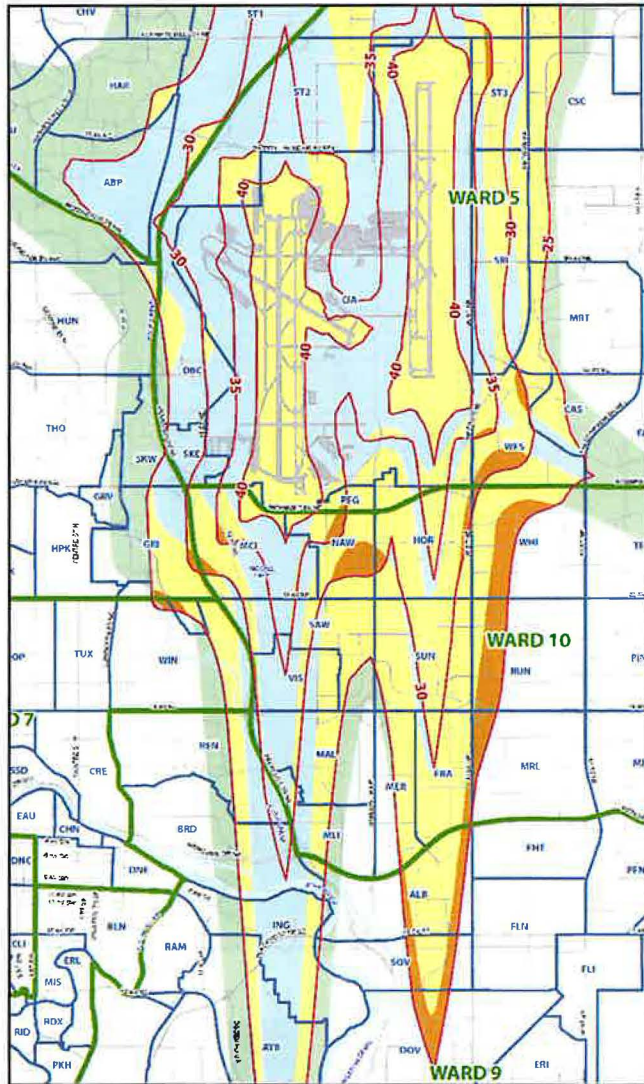
# NEF Contour Increase

## Affected by NEF Increase

**2084 total parcels (227 hectares)**

2029 parcels (178 hectares) – move into NEF25  
 Resulting in the only restriction applied being a campground

55 parcels (49 hectares) – move into NEF30 & 35  
 Resulting in significant additional use restrictions

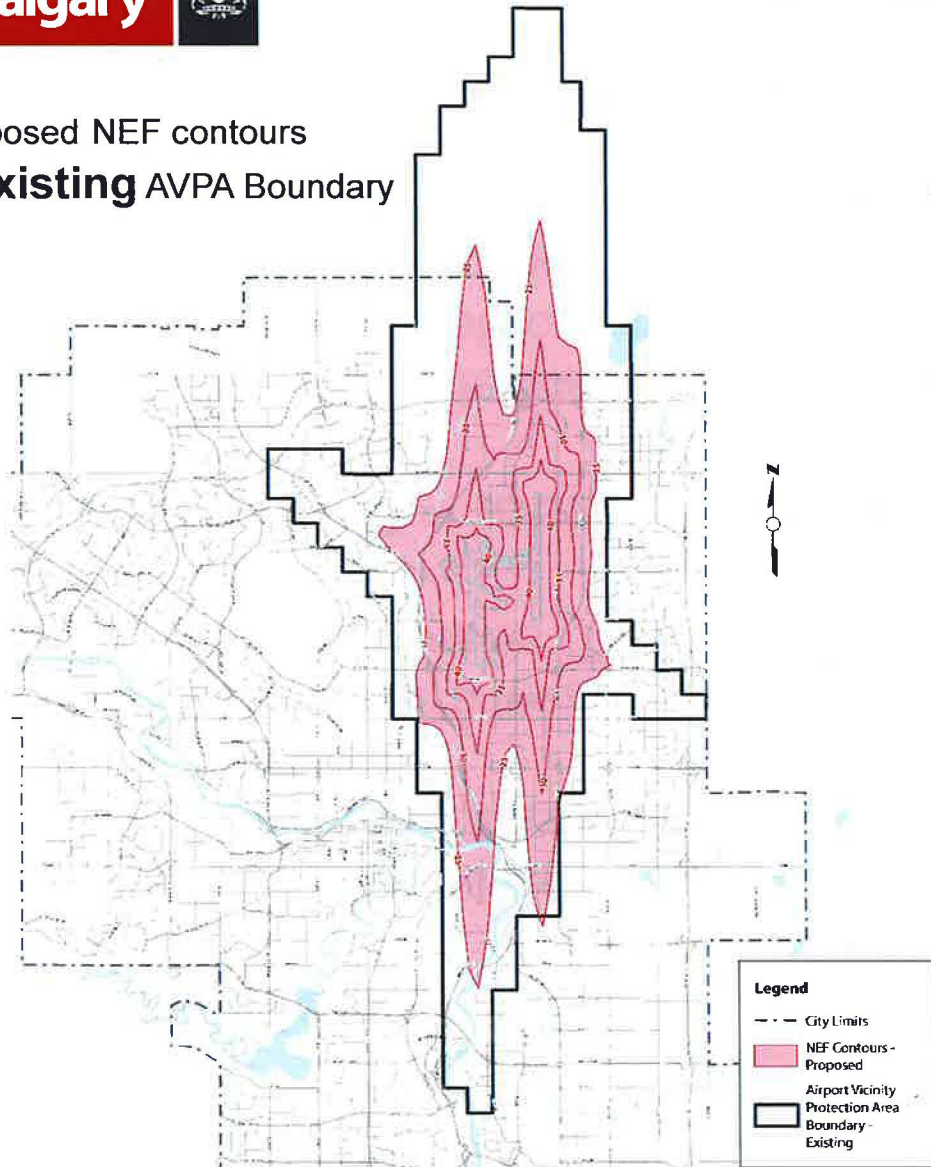


-  City Limits
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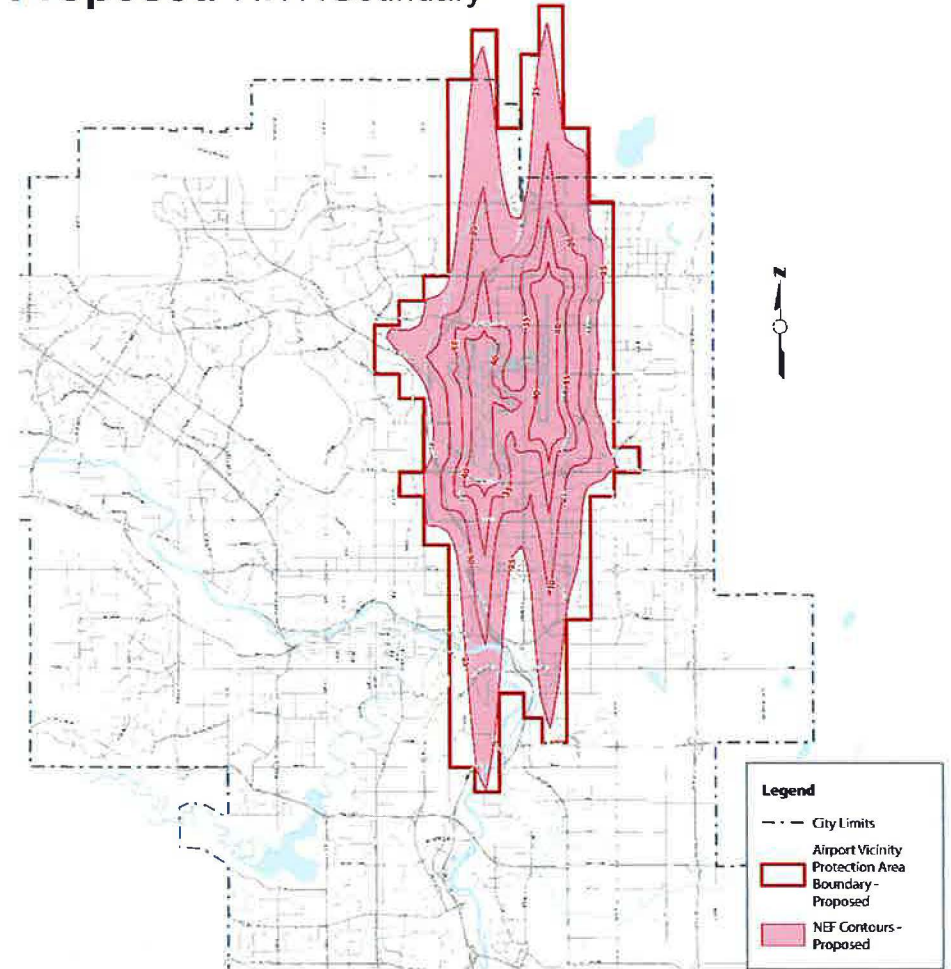


# AVPA Boundary Adjustment

Proposed NEF contours  
& **Existing** AVPA Boundary



Proposed NEF contours  
& **Proposed** AVPA Boundary





# Stakeholder Engagement & Communications

## Stakeholders

- 71 Communities
- Developers & Landowners
- Applicants
- Regional Partners
- Other agencies (Transport Canada & Nav Canada)

## Engagement – tools & approaches

- Website & dedicated email address
- Targeted Notification letters
- Active Application Review
- Community Newsletter notification
- 2 Community meetings
- Planning & Development Dispatch
- Targeted Bold Signage (3 week display)





## Benefits

A modernized AVPA including updated NEF Contours delivers the following:

1. Updated regulation based on modern airport operations
2. Leads to greater development opportunity
3. Maintains commitment to protect airport operations from incompatible land uses.



## Administration Recommendations (REVISED)

That the SPC on Planning and Urban Development recommend that Council:

1. Approve by resolution the proposed Calgary International Airport Vicinity Projection Area Regulation changes outlined in attachment 5, directing Administration to submit a joint amendment application with the Calgary Airport Authority to the Minister of Municipal Affairs; and
2. Disband the working group formed through Council resolution 2018 December 17 (PUD2018-1400), known as the AVPA Committee and acknowledge the completion of its mandate.

**And further, that an update on the third party review of the AVPA boundary be included in the package moving forward to Council.**