RISK ASSESSMENT WORK SHEET

The fire department, for the purpose of complying with 12 N.Y.C.R.R. §800.7, hereby performs a risk assessment in order to determine the needs of the fire department and its members with regard to safety equipment to prevent uncontrolled falls from dangerous elevations during unanticipated escapes.

This risk assessment is to determine under what circumstances escape ropes and system components will be required in order to protect the safety of firefighters and what capabilities the systems must contain.

DATE ASSESSMENT COMPLETED: _____

INDIVIDUAL(S) COMPLETING SUCH ASSESSMENT:_____

IDENTIFY

Name of primary territory(s):

(e.g.: village of, fire district, etc)

1. _____
2. _____
3. _____
4. _____

Name of mutual aid territories to which the Department has responded more than one time per year in each of the last three years:

	Territory	Approximate Avg. Number of Annual Responses
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

IDENTIFY

1. The Building in the primary fire protection territory with the highest number of above ground floors:

   Address of building: _____
   Number of above ground floors: _____
   Type of Building: (1,2,3,4,5) _____

   - Do the floors above the first level contain a fire protection/containment system? Yes/No

   - Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

   - If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/No

2. How many non-residential buildings in the primary fire protection territory have more than:
   3-5 floors:_____
   6-9 floors:_____
   10+ floors;_____

3. Number of above ground floors of tallest residential building:_____

4. With regard to the buildings in the mutual aid territories identified on page 1:

   With regard to each of the buildings, complete the following:

   Building 1:

   - Address of building:_____

   - Building Construction Type: (1,2,3,4,5)

   - Number of above ground floors:_____

- Do the floors above the first level contain a fire protection/containment system?
  Yes/No

- Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

- If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/no

- Is an aerial ladder vehicle automatically requested to respond to this building (from either mutual aid or primary response)?

  Yes/No

  - Height of aerial? _____
  - Owner of aerial? _____
  - Platform or Stick? _____
  - Can aerial position itself to rescue firefighters from all floors of buildings?
    Yes/No
  - Compute the difference between the roof of the building and the highest point to which the aerial can reach if properly positioned for rescue?
    - Roof Elevation – Ladder Height =_____

- Tallest ground ladder available to respond to building?
  - Compute the difference between the roof of the building and the highest point to which the ground ladder can reach if properly positioned for rescue?
  - Roof Elevation – Ladder Height =_____

Building 2:

- Address of building:_____

- Building Construction Type: (1,2,3,4,5)

- Number of above ground floors:_____

- Do the floors above the first level contain a fire protection/containment system?
  Yes/No

- Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

- If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/no

- Is an aerial ladder vehicle automatically requested to respond to this building (from either mutual aid or primary response)?

  Yes/No

  - Height of aerial? _____
  - Owner of aerial? _____
  - Platform or Stick? _____
  - Can aerial position itself to rescue firefighters from all floors of buildings?
    Yes/No
  - Compute the difference between the roof of the building and the highest point to which the aerial can reach if properly positioned for rescue?
    - Roof Elevation – Ladder Height =_____

- Tallest ground ladder available to respond to building?
  - Compute the difference between the roof of the building and the highest point to which the ground ladder can reach if properly positioned for rescue?
  - Roof Elevation – Ladder Height =_____

Building 3:

- Address of building:_____

- Building Construction Type: (1,2,3,4,5)

- Number of above ground floors:_____

- Do the floors above the first level contain a fire protection/containment system?
  Yes/No

- Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

- If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/no

- Is an aerial ladder vehicle automatically requested to respond to this building (from either mutual aid or primary response)?

  Yes/No

  - Height of aerial? _____
  - Owner of aerial? _____
  - Platform or Stick? _____
  - Can aerial position itself to rescue firefighters from all floors of buildings?
    Yes/No
  - Compute the difference between the roof of the building and the highest point to which the aerial can reach if properly positioned for rescue?
    - Roof Elevation – Ladder Height =_____

- Tallest ground ladder available to respond to building?
  - Compute the difference between the roof of the building and the highest point to which the ground ladder can reach if properly positioned for rescue?
  - Roof Elevation – Ladder Height =_____

Building 4:

- Address of building:_____

- Building Construction Type: (1,2,3,4,5)

- Number of above ground floors:_____

- Do the floors above the first level contain a fire protection/containment system?
  Yes/No

- Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

- If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/no

- Is an aerial ladder vehicle automatically requested to respond to this building (from either mutual aid or primary response)?

  Yes/No

  - Height of aerial? _____
  - Owner of aerial? _____
  - Platform or Stick? _____
  - Can aerial position itself to rescue firefighters from all floors of buildings?
    Yes/No
  - Compute the difference between the roof of the building and the highest point to which the aerial can reach if properly positioned for rescue?
    - Roof Elevation – Ladder Height =_____

- Tallest ground ladder available to respond to building?
  - Compute the difference between the roof of the building and the highest point to which the ground ladder can reach if properly positioned for rescue?
  - Roof Elevation – Ladder Height =_____

Building 5:

- Address of building:_____

- Building Construction Type: (1,2,3,4,5)

- Number of above ground floors:_____

- Do the floors above the first level contain a fire protection/containment system?
  Yes/No

- Is water for the fire protection system supplied by an automatic water system or pumped via the fire department? Yes/No

- If the sprinkler system is solely fed by the fire department, is there a hydrant near the building to supply the engine/pumper? Yes/no

- Is an aerial ladder vehicle automatically requested to respond to this building (from either mutual aid or primary response)?

  Yes/No

  - Height of aerial? _____
  - Owner of aerial? _____
  - Platform or Stick? _____
  - Can aerial position itself to rescue firefighters from all floors of buildings?
    Yes/No
  - Compute the difference between the roof of the building and the highest point to which the aerial can reach if properly positioned for rescue?
    - Roof Elevation – Ladder Height =_____

- Tallest ground ladder available to respond to building?
  - Compute the difference between the roof of the building and the highest point to which the ground ladder can reach if properly positioned for rescue?
  - Roof Elevation – Ladder Height =_____

Identify the five tallest structures in the primary territory to which the department responds which are greater than 12 feet:

Location Describe Building

_____

_____

_____

_____

_____

- Does the Department have written procedures in place which address the assisted rescue and self rescue of firefighters trapped at elevations? Yes/No

- Has the Department reviewed any such written procedures in the last three years to determine if such procedures are adequate to protect the interior firefighters from dangers associated with self rescue from elevated heights? Yes/No

- Does the Department mandate all interior firefighters to complete a firefighter survival/self rescue course? Yes/No

- Does the Department train all interior firefighters in self rescue on an annual basis?

  Yes/No

- Do the Department's interior firefighters presently utilize an escape rope system?

  Yes/No

  - If yes, is the system adequate to permit self or assisted rescue of the firefighter at all of the heights of the above identified buildings, utilizing either a ground ladder or aerial vehicle's ladder?

    Yes/No

- Is the firefighter's escape system designed to prohibit a free fall/descent without firefighter intervention?

- Are the escape systems inspected monthly? Yes/No

- Does the department provide training with the escape rope systems on an annual basis?

  Yes/No

- Are the escape rope systems designed so that they fit each interior firefighter property?

  Yes/No

- Will a harness be required as part of the system?

  Yes/No

- If yes, are harnesses presently required to be worn by every interior firefighter?

  Yes/No

I attest that this assessment is accurate to the best of my knowledge:

Name _____

Signature_____